



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

**Validity** 31/03/2022 to 30/03/2024

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
LOCATION 1-ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA Permanent Facility				
1	ELECTRICAL- CABLES & WIRES	"accessories for cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)"	AC voltage test	IEC 60502-4
2	ELECTRICAL- CABLES & WIRES	"accessories for cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)"	Examination	IEC 60502-4
3	ELECTRICAL- CABLES & WIRES	"accessories for cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)"	Heating cycle in air	IEC 60502-4
4	ELECTRICAL- CABLES & WIRES	"accessories for cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)"	Heating cycles under water	IEC 60502-4
5	ELECTRICAL- CABLES & WIRES	"accessories for cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)"	Partial discharge test at ambient temperature	IEC 60502-4
6	ELECTRICAL- CABLES & WIRES	"accessories for cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)"	Partial discharge test at elevated temperature	IEC 60502-4
7	ELECTRICAL- CABLES & WIRES	"Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)"	Examination	IEC 60840
8	ELECTRICAL- CABLES & WIRES	"Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)"	power frequency voltage test	IEC 60840
9	ELECTRICAL- CABLES & WIRES	"Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)"	Bending test	IEC 60840 (withdrawn Standard)
10	ELECTRICAL- CABLES & WIRES	"Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)"	Examination	IEC 60840 (withdrawn Standard)
11	ELECTRICAL- CABLES & WIRES	"Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)"	Heating cycle voltage test	IEC 60840
12	ELECTRICAL- CABLES & WIRES	"Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)"	Heating cycle voltage test	IEC 60840 (withdrawn Standard)
13	ELECTRICAL- CABLES & WIRES	"Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)"	Partial discharge tests at high temperature	IEC 60840
14	ELECTRICAL- CABLES & WIRES	"Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)"	Partial discharge tests	IEC 60840 (withdrawn Standard)



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15	ELECTRICAL- CABLES & WIRES	"Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)"	power frequency voltage test	IEC 60840 (withdrawn Standard)
16	ELECTRICAL- CABLES & WIRES	"Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)"	Tan delta measurement	IEC 60840
17	ELECTRICAL- CABLES & WIRES	"Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)"	Tan delta measurement	IEC 60840 (withdrawn Standard)
18	ELECTRICAL- CABLES & WIRES	"Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)"	water immersion and heating cycle	IEC 60840 (withdrawn Standard)
19	ELECTRICAL- CABLES & WIRES	"Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)"	Water penetration test	IEC 60840
20	ELECTRICAL- CABLES & WIRES	"Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)"	Water penetration test	IEC 60840 (withdrawn Standard)
21	ELECTRICAL- CABLES & WIRES	"TRANSITION JOINTS OF CABLES FOR WORKING VOLTAGES FROM 11 kV UP TO AND INCLUDING 33 kV"	ac voltage withstand test	IS 13705
22	ELECTRICAL- CABLES & WIRES	"TRANSITION JOINTS OF CABLES FOR WORKING VOLTAGES FROM 11 kV UP TO AND INCLUDING 33 kV"	ac voltage life test with cyclic current loading	IS 13705
23	ELECTRICAL- CABLES & WIRES	"TRANSITION JOINTS OF CABLES FOR WORKING VOLTAGES FROM 11 kV UP TO AND INCLUDING 33 kV"	water tightness test	IS 13705
24	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Identification	IS: 14255
25	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Inner Sheath	IS: 14255
26	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Packing and Marking	IS: 14255
27	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Vicat softening point	IS: 14255
28	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Wrapping test (For aluminium)	IS: 14255
29	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Ageing in air oven	IS: 14255
30	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Armouring	IS: 14255
31	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Carbon black content test	IS: 14255



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32	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Conductor Resistance	IS: 14255
33	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Conductor	IS: 14255
34	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	construction	IS: 14255
35	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	High Voltage test at room temperature	IS: 14255
36	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Hot set test	IS: 14255
37	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Insulation Resistance test	IS: 14255
38	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Insulation	IS: 14255
39	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Outer Sheath	IS: 14255
40	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Shrinkage test	IS: 14255
41	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Tensile strength & Elongation at break	IS: 14255
42	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Tensile Strength ( for aluminium)	IS: 14255
43	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Thickness of insulation and sheath / Overall Dimensions	IS: 14255
44	ELECTRICAL- CABLES & WIRES	Aerial bunched cable	Water absorption test (gravimetric)	IS: 14255
45	ELECTRICAL- CABLES & WIRES	Aluminium Wire	Tensile Strength ( for aluminium)	IS:10810 (Part 2)
46	ELECTRICAL- CABLES & WIRES	Aluminium Wire	Wrapping test (For aluminium)	IS:10810 (Part 3)
47	ELECTRICAL- CABLES & WIRES	Armouring of cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	IS: 3975
48	ELECTRICAL- CABLES & WIRES	Armouring of cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	IS:10810 (Part 36)



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49	ELECTRICAL- CABLES & WIRES	Armouring of cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	IS: 3975
50	ELECTRICAL- CABLES & WIRES	Armouring of cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	IS:10810 (Part 42)
51	ELECTRICAL- CABLES & WIRES	Armouring of cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	IS: 3975
52	ELECTRICAL- CABLES & WIRES	Armouring of cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	IS:10810 (Part 37)
53	ELECTRICAL- CABLES & WIRES	Armouring of cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS: 3975
54	ELECTRICAL- CABLES & WIRES	Armouring of cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS:10810 (Part 41)
55	ELECTRICAL- CABLES & WIRES	Armouring of cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	IS: 3975
56	ELECTRICAL- CABLES & WIRES	Armouring of cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	IS:10810 (Part 37)
57	ELECTRICAL- CABLES & WIRES	Armouring of cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	IS: 3975
58	ELECTRICAL- CABLES & WIRES	Armouring of cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	IS:10810 (Part 38)
59	ELECTRICAL- CABLES & WIRES	Armouring of cables	uniformity of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS: 3975
60	ELECTRICAL- CABLES & WIRES	Armouring of cables	uniformity of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS:10810 (Part 40)
61	ELECTRICAL- CABLES & WIRES	Armouring of cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 3975



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62	ELECTRICAL- CABLES & WIRES	Armouring of cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS:10810 (Part 39)
63	ELECTRICAL- CABLES & WIRES	Armouring of cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 3975
64	ELECTRICAL- CABLES & WIRES	Bare Messenger conductor	Breaking load test	IS 14255
65	ELECTRICAL- CABLES & WIRES	Bunched Cable	Flammability test on bunched cables	IEC: 60332 (Part 22)
66	ELECTRICAL- CABLES & WIRES	Bunched Cable	Flammability test on bunched cables	IEC: 60332 (Part 21)
67	ELECTRICAL- CABLES & WIRES	Bunched Cable	Flammability test on bunched cables	IEC: 60332 (Part 23)
68	ELECTRICAL- CABLES & WIRES	Bunched Cable	Flammability test on bunched cables	IEC: 60332 (Part 24)
69	ELECTRICAL- CABLES & WIRES	Bunched Cable	Flammability test on bunched cables	IEEE: 383
70	ELECTRICAL- CABLES & WIRES	Bunched Cable	Flammability test on bunched cables	IS:10810 (Part 62)
71	ELECTRICAL- CABLES & WIRES	Cable accessories	Conductor Resistance	IS 13705
72	ELECTRICAL- CABLES & WIRES	Cable accessories	Conductor Resistance	IS:13573 (Part 1)
73	ELECTRICAL- CABLES & WIRES	Cable accessories	Insulation Resistance test	IS 13705
74	ELECTRICAL- CABLES & WIRES	Cable accessories	Insulation Resistance test	IS:13573 (Part 2)
75	ELECTRICAL- CABLES & WIRES	Cable accessories	Insulation Resistance test	IS:13573 (Part 3)
76	ELECTRICAL- CABLES & WIRES	Cable accessories	Conductor Resistance	IS:13573 (Part 3)
77	ELECTRICAL- CABLES & WIRES	Cable accessories	Conductor Resistance	IS:13573 (Part 2)
78	ELECTRICAL- CABLES & WIRES	Cable accessories	Insulation Resistance test	IS:13573 (Part 1)
79	ELECTRICAL- CABLES & WIRES	Cable accessories for extruded power cables working voltage 1.1 kV up to and including 3.3 kV	AC Voltage (In air)	IS 13573 (Part-1)



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80	ELECTRICAL- CABLES & WIRES	Cable accessories for extruded power cables working voltage 1.1 kV up to and including 3.3 kV	AC voltage withstand (immersed)	IS 13573 (Part-1)
81	ELECTRICAL- CABLES & WIRES	Cable accessories for extruded power cables working voltage 1.1 kV up to and including 3.3 kV	AC voltage withstand (immersed)	IS 13573 (Part-1)
82	ELECTRICAL- CABLES & WIRES	Cable accessories for extruded power cables working voltage 1.1 kV up to and including 3.3 kV	Examination	IS 13573 (Part-1)
83	ELECTRICAL- CABLES & WIRES	Cable accessories for extruded power cables working voltage 1.1 kV up to and including 3.3 kV	Heating cycle in air	IS 13573 (Part-1)
84	ELECTRICAL- CABLES & WIRES	Cable accessories for extruded power cables working voltage 1.1 kV up to and including 3.3 kV	Heating cycle in water (oversheath damage)	IS 13573 (Part-1)
85	ELECTRICAL- CABLES & WIRES	Cable accessories for extruded power cables working voltage 1.1 kV up to and including 3.3 kV	Impact at ambient temperature	IS 13573 (Part-1)
86	ELECTRICAL- CABLES & WIRES	Cable accessories for Extruded power cables working voltage 1.1 kV upto and including 3.3 kV	d.c. withstand voltage test	IS13573 Part-2
87	ELECTRICAL- CABLES & WIRES	Cable accessories for Extruded power cables working voltage 1.1 kV upto and including 3.3 kV	d.c. withstand voltage test	IS13573 Part-3
88	ELECTRICAL- CABLES & WIRES	Cable accessories for extruded power cables working voltage 3.3 kV (UE) up to and including 33 kV ('E)	a.c test (wet)	IS 13573 (Part-2 & 3)
89	ELECTRICAL- CABLES & WIRES	Cable accessories for extruded power cables working voltage 3.3 kV (UE) up to and including 33 kV ('E)	a.c voltage test	IS 13573 (Part-2 & 3)
90	ELECTRICAL- CABLES & WIRES	Cable accessories for extruded power cables working voltage 3.3 kV (UE) up to and including 33 kV ('E)	Examination	IS 13573 (Part-2)
91	ELECTRICAL- CABLES & WIRES	Cable accessories for extruded power cables working voltage 3.3 kV (UE) up to and including 33 kV ('E)	Heating cycle test in air	IS 13573 (Part-2 & 3)
92	ELECTRICAL- CABLES & WIRES	Cable accessories for extruded power cables working voltage 3.3 kV (UE) up to and including 33 kV ('E)	Heating cycles under water	IS 13573 (Part-2 & 3)
93	ELECTRICAL- CABLES & WIRES	Cable accessories for extruded power cables working voltage 3.3 kV (UE) up to and including 33 kV ('E)	Partial discharge test at ambient temperature	IS 13573 (Part-2 & 3)
94	ELECTRICAL- CABLES & WIRES	Cable accessories for extruded power cables working voltage 3.3 kV (UE) up to and including 33 kV ('E)	Partial discharge test at elevated temperature	IS 13573 (Part-2 & 3)
95	ELECTRICAL- CABLES & WIRES	Cables	Cold Elongation test	IEC: 60811-505
96	ELECTRICAL- CABLES & WIRES	Cables	Cold Impact test	IEC: 60811 - 506
97	ELECTRICAL- CABLES & WIRES	Cables	Ozone resistance test	BS EN: 60811-403
98	ELECTRICAL- CABLES & WIRES	Cables	Ozone resistance test	IEC: 60811-403



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99	ELECTRICAL- CABLES & WIRES	Cables	Smoke density of electric cables under fire conditions (Smoke emission - 3 M3 chamber)	IEC: 61034-1
100	ELECTRICAL- CABLES & WIRES	Cables	Smoke density	ASTM D 2843
101	ELECTRICAL- CABLES & WIRES	Cables	Smoke density	IS: 13360 Part 6/Sec. 9
102	ELECTRICAL- CABLES & WIRES	Cables	Bending test	IS: 10810 (Part 50)
103	ELECTRICAL- CABLES & WIRES	Cables	Cold Bend Test	BS EN: 60811 - 504
104	ELECTRICAL- CABLES & WIRES	Cables	Cold Bend Test	IEC: 60811 - 504
105	ELECTRICAL- CABLES & WIRES	Cables	Cold Elongation test	BS EN: 60811-505
106	ELECTRICAL- CABLES & WIRES	Cables	Cold Impact test	BS EN: 60811 - 506
107	ELECTRICAL- CABLES & WIRES	Cables	Cold Impact test	IS: 10810 (Part 21)
108	ELECTRICAL- CABLES & WIRES	Cables	Determination of pH & conductivity	IEC: 60754-2
109	ELECTRICAL- CABLES & WIRES	Cables	Determination of the amount of halogen acid gas evolution - Corrosive & halogen acid gas	IEC: 60754-1
110	ELECTRICAL- CABLES & WIRES	Cables	Determination of the amount of halogen acid gas evolution - Corrosive & halogen acid gas	IS: 10810 (Part 59)
111	ELECTRICAL- CABLES & WIRES	Cables	Flame retardant test Swedish chimney test	IS:10810 (Part 61)
112	ELECTRICAL- CABLES & WIRES	Cables	Oxygen Index	ASTM D 2863
113	ELECTRICAL- CABLES & WIRES	Cables	Oxygen Index	IS: 10810 (Part 58)
114	ELECTRICAL- CABLES & WIRES	Cables	Smoke density of electric cables under fire conditions (Smoke emission - 3 M3 chamber)	IEC: 61034-2
115	ELECTRICAL- CABLES & WIRES	Cables	Static flexibility test	IS:10810 (Part 54)



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116	ELECTRICAL- CABLES & WIRES	Cables	Temperature Index	IS: 10810 (Part 64)
117	ELECTRICAL- CABLES & WIRES	Cables	Toxicity index test	NES: 713
118	ELECTRICAL- CABLES & WIRES	Cables	Water absorption test (Electrical)	NEMA WC 53
119	ELECTRICAL- CABLES & WIRES	cables	Water absorption test (Electrical)	NEMA WC 70
120	ELECTRICAL- CABLES & WIRES	Cables for emergency circuit	Fire Integrity for cables used in emergency circuit	BS EN 50200
121	ELECTRICAL- CABLES & WIRES	cables for Motor Vehicle	Ageing in Air Bomb	IEC: 60245 (Part 8)
122	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Ageing in Air Bomb	IS: 2465
123	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Ageing in air oven	IS: 2465
124	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Ageing in Oxygen Bomb	IS: 2465
125	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Annealing test ( for copper)	IS: 2465
126	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Conductor Resistance	IS: 2465
127	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Conductor	IS: 2465
128	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	construction	IS: 2465
129	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Effect of lubricating oil, break fluid, diesel, petrol	IS: 2465
130	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Effect of heat on flexibility	IS: 2465
131	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Heat Shock test	IS: 2465
132	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	High Voltage test at room temperature	IS: 2465
133	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Hot deformation test / Pressure test at high temperature	IS: 2465
134	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Hot deformation test / Pressure test at high temperature	IS: 2465



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135	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Identification	IS: 2465
136	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Insulation	IS: 2465
137	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Loss of mass test	IS: 2465
138	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Oil resistance test	IS: 2465
139	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Outer Sheath	IS: 2465
140	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Ozone resistance test	IS: 2465
141	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Packing and Marking	IS: 2465
142	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Persulphate test	IS: 2465
143	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Shrinkage test	IS: 2465
144	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Tensile strength & Elongation at break	IS: 2465
145	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicle	Thickness of insulation and sheath / Overall Dimensions	IS: 2465
146	ELECTRICAL- CABLES & WIRES	Cables for rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)	Heating cycle test	IEC 60502(Part 2)
147	ELECTRICAL- CABLES & WIRES	Cables for rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)	Bending test	IEC 60502(Part 2)
148	ELECTRICAL- CABLES & WIRES	Cables for rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)	Partial discharge test	IEC 60502(Part 2)
149	ELECTRICAL- CABLES & WIRES	Cables for rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)	Tan delta measurement	IEC 60502(Part 2)
150	ELECTRICAL- CABLES & WIRES	Cables for rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)	Voltage test	IEC 60502(Part 2)
151	ELECTRICAL- CABLES & WIRES	Cables for rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)	Water penetration test	IEC 60502(Part 2)
152	ELECTRICAL- CABLES & WIRES	Conductor for electrical insulated cables and cords	Conductor Resistance	BS EN: 60228
153	ELECTRICAL- CABLES & WIRES	Conductor for electrical insulated cables and cords	Conductor Resistance	IEC: 60228



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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154	ELECTRICAL- CABLES & WIRES	Conductor for electrical insulated cables and cords	Conductor Resistance	IS: 8130
155	ELECTRICAL- CABLES & WIRES	Conductors for insulated electric cables	Annealing test ( for copper)	IS: 8130
156	ELECTRICAL- CABLES & WIRES	Conductors for insulated electric cables	Tensile Strength ( for aluminium)	IS 8130
157	ELECTRICAL- CABLES & WIRES	Conductors for insulated electric cables	Wrapping test (For aluminium)	IS :8130
158	ELECTRICAL- CABLES & WIRES	Copper Conductor	Annealing test ( for copper)	IS:10810 (Part 1)
159	ELECTRICAL- CABLES & WIRES	cross-linked polyethylene or ethylene propylene rubber insulation cable	Ageing in air oven	BS: 6622
160	ELECTRICAL- CABLES & WIRES	cross-linked polyethylene or ethylene propylene rubber insulation cable	Conductor Resistance	BS: 6622
161	ELECTRICAL- CABLES & WIRES	cross-linked polyethylene or ethylene propylene rubber insulation cable	Tensile strength & Elongation at break	BS: 6622
162	ELECTRICAL- CABLES & WIRES	cross-linked polyethylene or ethylene propylene rubber insulation cable	Thickness of insulation and sheath / Overall Dimensions	BS: 6622
163	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Ageing in Air Bomb	IS:9968 (Part 1)
164	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Ageing in Air Bomb	IS:9968 (Part 2)
165	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Ageing in air oven	IS:9968 (Part 1)
166	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Ageing in air oven	IS:9968 (Part 2)
167	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Ageing in Oxygen Bomb	IS:9968 (Part 1)
168	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Ageing in Oxygen Bomb	IS:9968 (Part 2)
169	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Annealing test ( for copper)	IS:9968 (Part 1)
170	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Annealing test ( for copper)	IS:9968 (Part 2)
171	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Armouring	IS:9968 (Part 1)
172	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Armouring	IS:9968 (Part 2)



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173	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	binder tape	IS:9968 (Part 1)
174	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	braiding	IS:9968 (Part 1)
175	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	braiding	IS:9968 (Part 2)
176	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	compound and varnish	IS:9968 (Part 1)
177	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Conductor Resistance	IS:9968 (Part 1)
178	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Conductor Resistance	IS:9968 (Part 2)
179	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Conductor Screenig	IS:9968 (Part 1)
180	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Conductor Screenig	IS:9968 (Part 2)
181	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Conductor	IS:9968 (Part 1)
182	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Conductor	IS:9968 (Part 2)
183	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	construction	IS:9968 (Part 1)
184	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	construction	IS:9968 (Part 2)
185	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Core Identification	IS:9968 (Part 1)
186	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Core Identification	IS:9968 (Part 2)
187	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 1)
188	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 2)
189	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 1)



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190	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 2)
191	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 1)
192	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 2)
193	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	fillers	IS:9968 (Part 1)
194	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	fillers	IS:9968 (Part 2)
195	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Flammability test	IS:9968 (Part 1)
196	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Flammability test	IS:9968 (Part 2)
197	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	High voltage (Water Immersion)	IS:9968 (Part 1)
198	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	High voltage (Water Immersion)	IS:9968 (Part 2)
199	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	High Voltage test at room temperature	IS:9968 (Part 1)
200	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Hot set test	IS:9968 (Part 1)
201	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Hot set test	IS:9968 (Part 2)
202	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Identification	IS:9968 (Part 1)
203	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Identification	IS:9968 (Part 2)
204	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Inner Sheath	IS:9968 (Part 1)
205	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Inner Sheath	IS:9968 (Part 2)
206	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Insulation Resistance test	IS:9968 (Part 1)



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207	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Insulation Resistance test	IS:9968 (Part 2)
208	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Insulation	IS:9968 (Part 1)
209	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Insulation	IS:9968 (Part 2)
210	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Laying up cores	IS:9968 (Part 1)
211	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Laying up cores	IS:9968 (Part 2)
212	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 1)
213	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 2)
214	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Oil resistance test	IS:9968 (Part 1)
215	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Oil resistance test	IS:9968 (Part 2)
216	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Outer Sheath	IS:9968 (Part 1)
217	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Outer Sheath	IS:9968 (Part 2)
218	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Ozone resistance test	IS:10810 (Part 13)
219	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Ozone resistance test	IS:9968 (Part 1)
220	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Ozone resistance test	IS:9968 (Part 2)
221	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Packing and Marking	IS:9968 (Part 1)
222	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Packing and Marking	IS:9968 (Part 2)
223	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Persulphate test	IS:9968 (Part 2)
224	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Persulphate test	IS:9968 (Part 1)



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225	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	reinforced material	IS:9968 (Part 1)
226	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	reinforced material	IS:9968 (Part 2)
227	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	semiconducting compound	IS:9968 (Part 1)
228	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	semiconducting compound	IS:9968 (Part 2)
229	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Separator tape	IS:9968 (Part 1)
230	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Separator tape	IS:9968 (Part 2)
231	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Tape	IS:9968 (Part 1)
232	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Tape	IS:9968 (Part 2)
233	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Tear resistance test	IS:9968 (Part 1)
234	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Tear resistance test	IS:9968 (Part 2)
235	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Tensile strength & Elongation at break	IS:9968 (Part 1)
236	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Tensile strength & Elongation at break	IS:9968 (Part 2)
237	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Tensile Strength ( for aluminium)	IS:9968 (Part 1)
238	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Tensile Strength ( for aluminium)	IS:9968 (Part 2)
239	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 1)
240	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 2)
241	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Thermal Stability test	IS:9968 (Part 1)
242	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Thermal Stability test	IS:9968 (Part 2)



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243	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Thickness of insulation and sheath / Overall Dimensions	IS:9968 (Part 1)
244	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Thickness of insulation and sheath / Overall Dimensions	IS:9968 (Part 2)
245	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 1)
246	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 2)
247	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Water absorption test (Electrical)	IS:9968 (Part 2)
248	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 1)
249	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 2)
250	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 1)
251	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS:9968 (Part 2)
252	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Wrapping test (For aluminium)	IS:9968 (Part 1)
253	ELECTRICAL- CABLES & WIRES	Elastomer insulated cables	Wrapping test (For aluminium)	IS:9968 (Part 2)
254	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Ageing in Air Bomb	IS: 14494
255	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Ageing in air oven	IS: 14494
256	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Ageing in Oxygen Bomb	IS: 14494
257	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Annealing test ( for copper)	IS: 14494
258	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Armouring	IS: 14494
259	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	braiding	IS: 14494



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260	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Conductor Resistance	IS: 14494
261	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Conductor Screenig	IS: 14494
262	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Conductor	IS: 14494
263	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	construction	IS: 14494
264	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Core Identification	IS: 14494
265	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Cradle separator	IS: 14494
266	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Dimensions for Armour wires for Cables (Round, Formed, Strips)	IS: 14494
267	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	IS: 14494
268	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Elongation test for Armour wires for Cables (Round, Formed, Strips)	IS: 14494
269	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	fillers	IS: 14494
270	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Flammability test	IS: 14494
271	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	High voltage (Water Immersion)	IS: 14494
272	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Hot set test	IS: 14494
273	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Identification	IS: 14494
274	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Inner Sheath	IS: 14494
275	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Insulation Resistance test	IS: 14494
276	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Insulation	IS: 14494



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277	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS: 14494
278	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Oil resistance test	IS: 14494
279	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Outer Sheath	IS: 14494
280	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Ozone resistance test	IS: 14494
281	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Packing and Marking	IS: 14494
282	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Persulphate test	IS: 14494
283	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	reinforced material	IS: 14494
284	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	semiconducting compound	IS: 14494
285	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Tape	IS: 14494
286	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Tear resistance test	IS: 14494
287	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Tensile strength & Elongation at break	IS: 14494
288	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	IS: 14494
289	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Thickness of insulation and sheath / Overall Dimensions	IS: 14494
290	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Torsion test for Armour wires for Cables (Round, Formed, Strips)	IS: 14494
291	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Water absorption test (Electrical)	IS: 14494
292	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 14494
293	ELECTRICAL- CABLES & WIRES	Elastomer Insulated flexible Cables for use in mines	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 14494



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294	ELECTRICAL- CABLES & WIRES	Elastomeric cable	Elastomer Insulated flexible Cables for use in mines	IS: 14494
295	ELECTRICAL- CABLES & WIRES	Elastomeric insulated cable	Water absorption test (Electrical)	IS: 10810 (Part 28)
296	ELECTRICAL- CABLES & WIRES	Elastomeric insulation and sheath	Oil resistance test	IS: 10810 (Part 31)
297	ELECTRICAL- CABLES & WIRES	Elastomeric insulation and sheath	Tear resistance test	IS: 10810 (Part 17)
298	ELECTRICAL- CABLES & WIRES	Electric Cable	Flammability test	IEC: 60332-1-1
299	ELECTRICAL- CABLES & WIRES	Electric Cable	Flammability test	IEC: 60332-1-2
300	ELECTRICAL- CABLES & WIRES	Electric Cable	Flammability test	IS: 17048
301	ELECTRICAL- CABLES & WIRES	Electric Cable	Flammability test	IS: 10810 (Part 53)
302	ELECTRICAL- CABLES & WIRES	Electric Cable	High Voltage test at room temperature	IS: 10810 (Part 45)
303	ELECTRICAL- CABLES & WIRES	Electric cable	Persulphate test	IS: 10810 (Part 4)
304	ELECTRICAL- CABLES & WIRES	Electric cable for photovoltaic system	Ageing in air oven	BS EN: 50618
305	ELECTRICAL- CABLES & WIRES	Electric cable for photovoltaic system	Compatibility test	BS EN: 50618
306	ELECTRICAL- CABLES & WIRES	Electric cable for photovoltaic system	Conductor Resistance	BS EN: 50618
307	ELECTRICAL- CABLES & WIRES	Electric cable for photovoltaic system	construction	BS EN: 50618
308	ELECTRICAL- CABLES & WIRES	Electric cable for photovoltaic system	Flammability test on bunched cables	BS EN: 50618
309	ELECTRICAL- CABLES & WIRES	Electric cable for photovoltaic system	High Voltage test at room temperature	BS EN: 50618
310	ELECTRICAL- CABLES & WIRES	Electric cable for photovoltaic system	Hot set test	BS EN: 50618
311	ELECTRICAL- CABLES & WIRES	Electric cable for photovoltaic system	Insulation Resistance test	BS EN: 50618
312	ELECTRICAL- CABLES & WIRES	Electric cable for photovoltaic system	Long term resistance of insulation to d.c	BS EN: 50618



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313	ELECTRICAL- CABLES & WIRES	Electric cable for photovoltaic system	Shrinkage test	BS EN: 50618
314	ELECTRICAL- CABLES & WIRES	Electric cable for photovoltaic system	Smoke density of electric cables under fire conditions (Smoke emission - 3 M3 chamber)	BS EN: 50618
315	ELECTRICAL- CABLES & WIRES	Electric cable for photovoltaic system	Tensile strength & Elongation at break	BS EN: 50618
316	ELECTRICAL- CABLES & WIRES	Electric cable for photovoltaic system	Thickness of insulation and sheath / Overall Dimensions	BS EN: 50618
317	ELECTRICAL- CABLES & WIRES	Electric Cables under fire conditions	Fire Resistance test Cat C, W, Z	IEC: 60331-11
318	ELECTRICAL- CABLES & WIRES	Electric Cables under fire conditions	Fire Integrity for large diameter power cable	BS 8491
319	ELECTRICAL- CABLES & WIRES	Electric Cables under fire conditions	Fire Resistance test Cat C, W, Z	IEC: 60331-21
320	ELECTRICAL- CABLES & WIRES	Electric Cables under fire conditions	Smoke density of electric cables under fire conditions (Smoke emission - 3 M3 chamber)	IS: 10810 (Part 63)
321	ELECTRICAL- CABLES & WIRES	Flexible Cable	Flexing test	IS: 10810 (Part 57)
322	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Ageing in air oven	IS: 4289 (Part 1)
323	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Ageing in air oven	IS: 4289 (Part 2)
324	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Ageing in Oxygen Bomb	IS: 4289 (Part 2)
325	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Oil resistance test	IS: 4289 (Part 1)
326	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Oil resistance test	IS: 4289 (Part 2)
327	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Ageing in Air Bomb	IS: 4289 (Part 1)
328	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Ageing in Air Bomb	IS: 4289 (Part 2)
329	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Ageing in Oxygen Bomb	IS: 4289 (Part 1)



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330	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Annealing test ( for copper)	IS: 4289 (Part 1)
331	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Annealing test ( for copper)	IS: 4289 (Part 2)
332	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Conductor Resistance	IS: 4289 (Part 2)
333	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Conductor Resistance	IS: 4289 (Part 1)
334	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Conductor	IS: 4289 (Part 1)
335	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Conductor	IS: 4289 (Part 2)
336	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	construction	IS: 4289 (Part 1)
337	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	construction	IS: 4289 (Part 2)
338	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Flammability test	IS: 4289 (Part 1)
339	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Flammability test	IS: 4289 (Part 2)
340	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Heat Shock test	IS: 4289 (Part 2)
341	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	High voltage (Water Immersion)	IS: 4289 (Part 1)
342	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	High voltage (Water Immersion)	IS: 4289 (Part 2)
343	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Insulation Resistance test	IS: 4289 (Part 2)
344	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Insulation Resistance test	IS: 4289 (Part 1)
345	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Insulation	IS: 4289 (Part 1)
346	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Insulation	IS: 4289 (Part 2)
347	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Loss of mass test.	IS: 4289 (Part 2)
348	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Shrinkage test	IS: 4289 (Part 2)



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349	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Static flexibility test	IS: 4289 (Part 1)
350	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Static flexibility test	IS: 4289 (Part 2)
351	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Tear resistance test	IS: 4289 (Part 1)
352	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Tear resistance test	IS: 4289 (Part 2)
353	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Tensile strength & Elongation at break	IS: 4289 (Part 1)
354	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Tensile strength & Elongation at break	IS: 4289 (Part 2)
355	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Thermal Stability test	IS: 4289 (Part 2)
356	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Thickness of insulation and sheath / Overall Dimensions	IS: 4289 (Part 1)
357	ELECTRICAL- CABLES & WIRES	Flexible cables for lifts and other flexible connections	Thickness of insulation and sheath / Overall Dimensions	IS: 4289 (Part 2)
358	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Ageing in air oven	IS: 17048
359	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Annealing test ( for copper)	IS: 17048
360	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	binder tape	IS: 17048
361	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Cold Bend Test	IS: 17048
362	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Cold Impact test	IS: 17048
363	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Conductor Resistance	IS: 17048
364	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Conductor	IS: 17048
365	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	construction	IS: 17048
366	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Core Identification	IS: 17048
367	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Determination of pH & conductivity	IS: 17048



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368	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	fillers	IS: 17048
369	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Flame retardant test Swedish chimney test	IS: 17048
370	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	High Voltage test at room temperature	IS: 17048
371	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Hot set test	IS: 17048
372	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Identification	IS: 17048
373	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Inner Sheath	IS: 17048
374	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Insulation Resistance test	IS: 17048
375	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Insulation	IS: 17048
376	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Outer Sheath	IS: 17048
377	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Oxygen Index	IS: 17048
378	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Ozone resistance test	IS: 17048
379	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Persulphate test	IS: 17048
380	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Smoke density	IS: 17048
381	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Temperature Index	IS: 17048
382	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Tensile strength & Elongation at break	IS: 17048
383	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Tensile Strength ( for aluminium)	IS: 17048
384	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Thermal ageing in air oven	IS: 17048
385	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Thickness of insulation and sheath / Overall Dimensions	IS: 17048
386	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Water immersion test (effect of water on sheath of cable)	IS: 17048



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387	ELECTRICAL- CABLES & WIRES	Halogen free flame retardant (HFFR) cables	Wrapping test (For aluminium)	IS: 17048
388	ELECTRICAL- CABLES & WIRES	HT ELASTOMER CABLE SINGLE/ THREE CORE ( 3.3 kV UP TO AND INCLUDING 33 kV)	Bending test	IS 9968 (Part 2)
389	ELECTRICAL- CABLES & WIRES	HT PVC CABLE SINGLE/ THREE CORE ( 3.3 kV UP TO AND INCLUDING 11 kV)	Bending test	IS 1554 (Part 2)
390	ELECTRICAL- CABLES & WIRES	HT PVC CABLE SINGLE/ THREE CORE ( 3.3 kV UP TO AND INCLUDING 11 kV)	dielectric power factor test as a function of temperature	IS 1554 (Part 2)
391	ELECTRICAL- CABLES & WIRES	HT PVC CABLE SINGLE/ THREE CORE ( 3.3 kV UP TO AND INCLUDING 11 kV)	dielectric power factor test as a function of voltage	IS 1554 (Part 2)
392	ELECTRICAL- CABLES & WIRES	HT PVC CABLE SINGLE/ THREE CORE ( 3.3 kV UP TO AND INCLUDING 11 kV)	Heating cycle test	IS 1554 (Part 2)
393	ELECTRICAL- CABLES & WIRES	HT PVC CABLE SINGLE/ THREE CORE ( 3.3 kV UP TO AND INCLUDING 11 kV)	High voltage test	IS 1554 (Part 2)
394	ELECTRICAL- CABLES & WIRES	HT PVC CABLE SINGLE/ THREE CORE ( 3.3 kV UP TO AND INCLUDING 11 kV)	Partial discharge test	IS 1554 (Part 2)
395	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Annealing test ( for copper)	IS: 692
396	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Tensile strength & Elongation at break	IS: 692
397	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Ageing in air oven	IS: 692
398	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Conductor Resistance	IS: 692
399	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Conductor	IS: 692
400	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	construction	IS: 692
401	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	IS: 692
402	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	IS: 692
403	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	IS: 692



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404	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Flammability test	IS: 692
405	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Heat Shock test	IS: 692
406	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	High Voltage test at room temperature	IS: 692
407	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Hot deformation test / Pressure test at high temperature	IS: 692
408	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Insulation Resistance test	IS: 692
409	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Insulation	IS: 692
410	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS: 692
411	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Tensile Strength ( for aluminium)	IS: 692
412	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	IS: 692
413	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Thermal Stability test	IS: 692
414	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Thickness of insulation and sheath / Overall Dimensions	IS: 692
415	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	IS: 692
416	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	uniformity of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS: 692
417	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 692
418	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 692
419	ELECTRICAL- CABLES & WIRES	Paper Insulated Lead Sheathed Cables	Wrapping test (For aluminium)	IS: 692
420	ELECTRICAL- CABLES & WIRES	PE insulated cable	Environmental Stress Cracking	IS: 10810 (Part 22)



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421	ELECTRICAL- CABLES & WIRES	PE insulated cable	Vicat softening point	IS: 10810 (Part 22)
422	ELECTRICAL- CABLES & WIRES	PE insulated cable	Carbon black content test	IS: 10810 (Part 32)
423	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Heating cycle test without voltage	IEC62067
424	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Test of outer protection of joints DC voltage tests	IEC: 60840
425	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Test of outer protection of joints DC voltage tests	IEC62067
426	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Test of outer protection of joints Water immersion and heating cycle	IEC62067
427	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Ageing tests on pieces of complete cable to check compatibility of materials	IEC 62067
428	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Check of cable construction	IEC 62067
429	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Examination of the cable system with cable and accessories	IEC 62067
430	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Heat shock test for PVC oversheaths (ST1 and ST2)	IEC 62067
431	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Hot set test for EPR and XLPE insulations	IEC 62067
432	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Loss of mass test on PVC oversheaths of type ST2	IEC 62067
433	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Measurement of carbon black content of black PE oversheaths	IEC 62067
434	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	measurement of Diameter	IEC62067
435	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Measurement of Electrical resistance of conductor and of metal screen	IEC62067
436	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Measurement of Thickness of insulation and cable oversheath	IEC62067
437	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Measurement of thickness of metal sheath	IEC62067



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438	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Ozone resistance test for EPR insulation	IEC 62067
439	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Pressure test at high temperature on oversheaths	IEC 62067
440	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Resistivity of semi-conducting screens	IEC62067
441	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Test on PVC oversheaths (ST1 and ST2) at low temperature	IEC 62067
442	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Test under fire condition	IEC62067
443	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Tests for determining the mechanical properties of insulation before and after ageing	IEC 62067
444	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Tests for determining the mechanical properties of oversheaths before and after ageing	IEC 62067
445	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 150 kV and upto 500 kV	Tests on component of cables with longitudinally applied metal tape or foil, bonded to the oversheath	IEC 62067
446	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 30 kV and upto 150 kV	Test under fire condition Test for vertical flame spread of vertically mounted cables	IEC: 60840
447	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 30 kV and upto 150 kV	Tests on component of cables with longitudinally applied metal tape or foil, bonded to the oversheath	IEC: 60840
448	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 30 kV and upto 150 kV	Heating cycle test without voltage	IEC: 60840
449	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 30 kV and upto 150 kV	Test under fire condition Flame spread test on single cables	IEC: 60840
450	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 30 kV and upto 150 kV	Test under fire condition Measurement of smoke density of cables under defined conditions	IEC: 60840
451	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Bending test	IEC 60840
452	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Bending test	IEC 60840



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453	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Bending test	IEC 62067
454	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Bending test	IS 7098 (Part 3)
455	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Bending test	IEC 60840(Withdrawn)
456	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Dielectric power factor and capacitance measurement at ambient temperature	IS 7098 (Part 3)
457	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Dielectric power factor measurement at elevated temperature	IS 7098 (Part 3)
458	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Heating cycle voltage test / load cycle test	IEC 60840
459	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Heating cycle voltage test / load cycle test	IEC 60840
460	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Heating cycle voltage test / load cycle test	IEC 60840(Withdrawn)
461	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Heating cycle voltage test / load cycle test	IEC 62067
462	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Heating cycle voltage test / load cycle test	IS 7098 (Part 3)
463	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	High voltage test	IEC 60840
464	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	High voltage test	IEC 60840
465	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	High voltage test	IEC 60840(Withdrawn)
466	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	High voltage test	IEC 62067
467	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	High voltage test	IS 7098 (Part 3)
468	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Measurement of capacitance	IEC 60840
469	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Measurement of capacitance	IEC 60840
470	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Measurement of capacitance	IEC 60840 (Withdrawn)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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471	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Measurement of capacitance	IEC 62067
472	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Partial discharge test at ambient temperature	IEC 60840
473	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Partial discharge test at ambient temperature	IEC 60840(Withdrawn)
474	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Partial discharge test at ambient temperature	IEC 62067
475	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Partial discharge test at elevated temperature	IEC 60840
476	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Partial discharge test at elevated temperature	IEC 60840(Withdrawn)
477	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Partial discharge test at elevated temperature	IEC 62067
478	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Partial discharge test	IS 7098 (Part 3)
479	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Tan d measurement	IEC 60840
480	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Tan d measurement	IEC 60840 (Withdrawn)
481	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation / XLPE insulated cable & their accessories	Tan d measurement	IEC 62067
482	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Compatibility test	IEC: 60502 (Part 2)
483	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Ageing in air oven	IEC: 60502 (Part 1)
484	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Ageing in air oven	IEC: 60502 (Part 2)
485	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Carbon black content test	IEC: 60502 (Part 1)
486	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Carbon black content test	IEC: 60502 (Part 2)
487	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Cold Bend Test	IEC: 60502 (Part 1)
488	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Cold Bend Test	IEC: 60502 (Part 2)
489	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Cold Elongation test	IEC: 60502 (Part 1)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
490	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Cold Elongation test	IEC: 60502 (Part 2)
491	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Cold Impact test	IEC: 60502 (Part 1)
492	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Cold Impact test	IEC: 60502 (Part 2)
493	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Compatibility test	IEC: 60502 (Part 1)
494	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Conductor Resistance	IEC: 60502 (Part 1)
495	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Conductor Resistance	IEC: 60502 (Part 2)
496	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	construction	IEC: 60502 (Part 1)
497	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	construction	IEC: 60502 (Part 2)
498	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Determination of pH & conductivity	IEC: 60502 (Part 1)
499	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Flammability test	IEC: 60502 (Part 1)
500	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Flammability test on bunched cables	IEC: 60502 (Part 1)
501	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Flammability test	IEC: 60502 (Part 2)
502	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Heat Shock test	IEC: 60502 (Part 1)
503	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Heat Shock test	IEC: 60502 (Part 2)
504	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	High Voltage test at room temperature	IEC: 60502 (Part 1)
505	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	High Voltage test at room temperature	IEC: 60502 (Part 2)
506	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Hot deformation test / Pressure test at high temperature	IEC: 60502 (Part 1)
507	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Hot deformation test / Pressure test at high temperature	IEC: 60502 (Part 2)
508	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Hot set test	IEC: 60502 (Part 1)



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**Accreditation Standard** ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
509	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Hot set test	IEC: 60502 (Part 2)
510	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Insulation Resistance test	IEC: 60502 (Part 1)
511	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Insulation Resistance test	IEC: 60502 (Part 2)
512	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Loss of mass test.	IEC: 60502 (Part 1)
513	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Loss of mass test.	IEC: 60502 (Part 2)
514	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Non Contamination test	IEC: 60502 (Part 1)
515	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Non Contamination test	IEC: 60502 (Part 2)
516	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Ozone resistance test	IEC: 60502 (Part 1)
517	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Ozone resistance test	IEC: 60502 (Part 2)
518	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Shrinkage test	IEC: 60502 (Part 1)
519	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Shrinkage test	IEC: 60502 (Part 2)
520	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Tensile strength & Elongation at break	IEC: 60502 (Part 1)
521	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Tensile strength & Elongation at break	IEC: 60502 (Part 2)
522	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Thermal Stability test	IEC: 60502 (Part 1)
523	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Thermal Stability test	IEC: 60502 (Part 2)
524	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Thickness of insulation and sheath / Overall Dimensions	IEC: 60502 (Part 1)
525	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Thickness of insulation and sheath / Overall Dimensions	IEC: 60502 (Part 2)
526	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Volume Resistivity of semi conducting screen	IEC: 60502 (Part 2)
527	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Volume Resistivity of semi conducting screen	IEC: 60502 (Part 1)



# National Accreditation Board for Testing and Calibration Laboratories

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528	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Water absorption test (Electrical)	IEC: 60502 (Part 1)
529	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Water absorption test (Electrical)	IEC: 60502 (Part 2)
530	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Water absorption test (gravimetric)	IEC: 60502 (Part 1)
531	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories	Water absorption test (gravimetric)	IEC: 60502 (Part 2)
532	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)	Bending test	IEC 60840
533	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)	Partial discharge tests at ambient temperature	IEC 60840
534	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)	High voltage test	EN 50397-1
535	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)	High voltage test	EN 50397-2
536	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)	Leakage current test	EN 50397-1
537	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)	Longitudinal water tightness test with heat cycle test	EN 50397-1
538	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)	Longitudinal water tightness test without heat cycle test	EN 50397-1
539	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV)	water tightness test	EN 50397-2
540	ELECTRICAL- CABLES & WIRES	Power/Elastomeric/joints/Terminations/ PVC Cables	Lightning Impulse Voltage Test	IEC 60502 - 1
541	ELECTRICAL- CABLES & WIRES	Power/Elastomeric/joints/Terminations/ PVC Cables	Lightning Impulse Voltage Test	IEC 60502 - 2
542	ELECTRICAL- CABLES & WIRES	Power/Elastomeric/joints/Terminations/ PVC Cables	Lightning Impulse Voltage Test	IEC 60502 - 4
543	ELECTRICAL- CABLES & WIRES	Power/Elastomeric/joints/Terminations/ PVC Cables	Lightning Impulse Voltage Test	IEC 60840



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
544	ELECTRICAL- CABLES & WIRES	Power/Elastomeric/joints/Terminations/ PVC Cables	Lightning Impulse Voltage Test	IEC 62067
545	ELECTRICAL- CABLES & WIRES	Power/Elastomeric/joints/Terminations/ PVC Cables	Lightning Impulse Voltage Test	IS 13573-2
546	ELECTRICAL- CABLES & WIRES	Power/Elastomeric/joints/Terminations/ PVC Cables	Lightning Impulse Voltage Test	IS 13573-3
547	ELECTRICAL- CABLES & WIRES	Power/Elastomeric/joints/Terminations/ PVC Cables	Lightning Impulse Voltage Test	IS 13705
548	ELECTRICAL- CABLES & WIRES	Power/Elastomeric/joints/Terminations/ PVC Cables	Lightning Impulse Voltage Test	IS 1554 - 2
549	ELECTRICAL- CABLES & WIRES	Power/Elastomeric/joints/Terminations/ PVC Cables	Lightning Impulse Voltage Test	IS 7098 - 2
550	ELECTRICAL- CABLES & WIRES	Power/Elastomeric/joints/Terminations/ PVC Cables	Lightning Impulse Voltage Test	IS 7098 - 3
551	ELECTRICAL- CABLES & WIRES	Power/Elastomeric/joints/Terminations/ PVC Cables	Lightning Impulse Voltage Test	IS 9968 - 1
552	ELECTRICAL- CABLES & WIRES	Power/Elastomeric/joints/Terminations/ PVC Cables	Lightning Impulse Voltage Test	IS 9968 - 2
553	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Ageing in air oven	IS: 1554 (Part 2)
554	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Inner Sheath	IS: 1554 (Part 2)
555	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Tensile strength & Elongation at break	IS: 1554 (Part 2)
556	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Ageing in air oven	IS: 1554 (Part 1)
557	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Annealing test ( for copper)	IS: 1554 (Part 1)
558	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Armour coverage	IS: 1554 (Part 1)
559	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Armouring	IS: 1554 (Part 1)
560	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Armouring	IS: 1554 (Part 2)
561	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Cold Bend Test	IS: 1554 (Part 1)
562	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Cold Bend Test	IS: 1554 (Part 2)



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563	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Cold Impact test	IS: 1554 (Part 1)
564	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Cold Impact test	IS: 1554 (Part 2)
565	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Conductor	IS: 1554 (Part 2)
566	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Conductor Resistance	IS: 1554 (Part 1)
567	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Conductor Resistance	IS: 1554 (Part 2)
568	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Conductor Screenig	IS: 1554 (Part 1)
569	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Conductor Screenig	IS: 1554 (Part 2)
570	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Conductor	IS: 1554 (Part 1)
571	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	construction	IS: 1554 (Part 2)
572	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	construction	IS: 1554 (Part 1)
573	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Core Identification	IS: 1554 (Part 1)
574	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Core Identification	IS: 1554 (Part 2)
575	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Determination of the amount of halogen acid gas evolution- Corrosive & halogen acid gas	IS: 1554 (Part 2)
576	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Determination of the amount of halogen acid gas evolution - Corrosive & halogen acid gas	IS: 1554 (Part 1)
577	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 1)
578	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 2)
579	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 1)



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580	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 2)
581	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 1)
582	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 2)
583	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	fillers	IS: 1554 (Part 1)
584	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Flame retardant test Swedish chimney test	IS: 1554 (Part 2)
585	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Flame retardant test Swedish chimney test	IS: 1554 (Part 1)
586	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Flammability test	IS: 1554 (Part 1)
587	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Flammability test on bunched cables	IS: 1554 (Part 1)
588	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Flammability test on bunched cables	IS: 1554 (Part 2)
589	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Flammability test	IS: 1554 (Part 2)
590	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Heat Shock test	IS: 1554 (Part 1)
591	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Heat Shock test	IS: 1554 (Part 2)
592	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	High voltage (Water Immersion)	IS: 1554 (Part 1)
593	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	High voltage (Water Immersion)	IS: 1554 (Part 2)
594	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	High Voltage test at room temperature	IS: 1554 (Part 1)
595	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	High Voltage test at room temperature	IS: 1554 (Part 2)
596	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Hot deformation test / Pressure test at high temperature	IS: 1554 (Part 1)



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597	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Hot deformation test / Pressure test at high temperature	IS: 1554 (Part 2)
598	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Identification	IS: 1554 (Part 1)
599	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Identification	IS: 1554 (Part 2)
600	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Inner Sheath	IS: 1554 (Part 1)
601	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Insulation Resistance test	IS: 1554 (Part 1)
602	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Insulation Resistance test	IS: 1554 (Part 2)
603	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Insulation	IS: 1554 (Part 1)
604	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Insulation	IS: 1554 (Part 2)
605	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Laying up cores	IS: 1554 (Part 1)
606	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Laying up cores	IS: 1554 (Part 2)
607	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Loss of mass test.	IS: 1554 (Part 1)
608	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Loss of mass test.	IS: 1554 (Part 2)
609	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 1)
610	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 2)
611	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Outer Sheath	IS: 1554 (Part 1)
612	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Outer Sheath	IS: 1554 (Part 2)
613	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Oxygen Index	IS: 1554 (Part 1)
614	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Oxygen Index	IS: 1554 (Part 2)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

**Validity** 31/03/2022 to 30/03/2024

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615	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Packing and Marking	IS: 1554 (Part 1)
616	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Packing and Marking	IS: 1554 (Part 2)
617	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Shrinkage test	IS: 1554 (Part 1)
618	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Shrinkage test	IS: 1554 (Part 2)
619	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Temperature Index	IS: 1554 (Part 1)
620	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Temperature Index	IS: 1554 (Part 2)
621	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Tensile strength & Elongation at break	IS: 1554 (Part 1)
622	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Tensile Strength ( for aluminium)	IS: 1554 (Part 1)
623	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Tensile Strength ( for aluminium)	IS: 1554 (Part 2)
624	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 1)
625	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 2)
626	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Thermal Stability test	IS: 1554 (Part 1)
627	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Thermal Stability test	IS: 1554 (Part 2)
628	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Thickness of insulation and sheath / Overall Dimensions	IS: 1554 (Part 1)
629	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Thickness of insulation and sheath / Overall Dimensions	IS: 1554 (Part 2)
630	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 1)
631	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 2)



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632	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	uniformity of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 1)
633	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	uniformity of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 2)
634	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 1)
635	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 2)
636	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 1)
637	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 1554 (Part 2)
638	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Wrapping test (For aluminium)	IS: 1554 (Part 1)
639	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) electric cables	Wrapping test (For aluminium)	IS: 1554 (Part 2)
640	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Bending test	IEC: 60227 (Part 3)
641	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Bending test	IEC: 60227 (Part 5)
642	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Impact test	IS: 694
643	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	construction	IEC: 60227 (Part 3)
644	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	construction	IEC: 60227 (Part 4)
645	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	construction	IEC: 60227 (Part 6)
646	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	construction	IEC: 60227 (Part 7)
647	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	construction	IS: 694
648	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Durability & Legibility of marking	IEC: 60227 (Part 6)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
649	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Durability & Legibility of marking	IEC: 60227 (Part 7)
650	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Durability & Legibility of marking	IS: 694
651	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flexing test	IEC: 60227 (Part 6)
652	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Non Contamination test	IEC: 60227 (Part 4)
653	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Additional Ageing test	IS: 694
654	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Ageing in air oven	BS: 6004
655	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Ageing in air oven	IEC: 60227 (Part 1)
656	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Ageing in air oven	IEC: 60227 (Part 2)
657	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Ageing in air oven	IEC: 60227 (Part 3)
658	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Ageing in air oven	IEC: 60227 (Part 4)
659	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Ageing in air oven	IEC: 60227 (Part 5)
660	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Ageing in air oven	IEC: 60227 (Part 6)
661	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Ageing in air oven	IEC: 60227 (Part 7)
662	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Ageing in air oven	IS: 694
663	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Annealing test ( for copper)	IS: 694
664	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Application to the conductor	IS: 694
665	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Armouring	IS: 694
666	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Assembly of cores	IS: 694
667	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Bending test	IEC: 60227 (Part 1)



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668	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Bending test	IEC: 60227 (Part 2)
669	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Bending test	IEC: 60227 (Part 4)
670	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Bending test	IEC: 60227 (Part 6)
671	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Bending test	IEC: 60227 (Part 7)
672	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Bend Test	IS: 694
673	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Bend Test	IEC: 60227 (Part 1)
674	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Bend Test	IEC: 60227 (Part 2)
675	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Bend Test	IEC: 60227 (Part 3)
676	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Bend Test	IEC: 60227 (Part 4)
677	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Bend Test	IEC: 60227 (Part 5)
678	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Bend Test	IEC: 60227 (Part 6)
679	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Bend Test	IEC: 60227 (Part 7)
680	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Elongation test	IEC: 60227 (Part 1)
681	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Elongation test	IEC: 60227 (Part 2)
682	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Elongation test	IEC: 60227 (Part 3)
683	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Elongation test	IEC: 60227 (Part 4)
684	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Elongation test	IEC: 60227 (Part 5)
685	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Elongation test	IEC: 60227 (Part 6)
686	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Cold Elongation test	IEC: 60227 (Part 7)



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687	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Compatibility test	IEC: 60227 (Part 2)
688	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Compatibility test	IEC: 60227 (Part 3)
689	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Compatibility test	IEC: 60227 (Part 5)
690	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Compatibility test	IEC: 60227 (Part 7)
691	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Compatibility test	IEC: 60227 (Part 1)
692	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Compatibility test	IEC: 60227 (Part 4)
693	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Compatibility test	IEC: 60227 (Part 6)
694	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Conductor Resistance	BS: 6004
695	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Conductor Resistance	IEC: 60227 (Part 1)
696	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Conductor Resistance	IEC: 60227 (Part 2)
697	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Conductor Resistance	IEC: 60227 (Part 3)
698	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Conductor Resistance	IEC: 60227 (Part 4)
699	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Conductor Resistance	IEC: 60227 (Part 5)
700	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Conductor Resistance	IEC: 60227 (Part 6)
701	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Conductor Resistance	IEC: 60227 (Part 7)
702	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Conductor Resistance	IS: 694
703	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Conductor	IS: 694
704	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	construction	IEC: 60227 (Part 1)
705	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	construction	IEC: 60227 (Part 2)



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706	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	construction	IEC: 60227 (Part 5)
707	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Core Identification	IS: 694
708	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Determination of the amount of halogen acid gas evolution - Corrosive & halogen acid gas	IS: 694
709	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Durability & Legibility of marking	IEC: 60227 (Part 1)
710	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Durability & Legibility of marking	IEC: 60227 (Part 2)
711	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Durability & Legibility of marking	IEC: 60227 (Part 3)
712	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Durability & Legibility of marking	IEC: 60227 (Part 4)
713	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Durability & Legibility of marking	IEC: 60227 (Part 5)
714	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flammability test	IEC: 60227 (Part 1)
715	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flammability test	IEC: 60227 (Part 2)
716	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flammability test	IEC: 60227 (Part 3)
717	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flammability test	IEC: 60227 (Part 5)
718	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flammability test	IEC: 60227 (Part 6)
719	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flammability test	IEC: 60227 (Part 7)
720	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flammability test	IS: 694
721	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flammability test	IEC: 60227 (Part 4)
722	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flexing test	IEC: 60227 (Part 1)
723	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flexing test	IEC: 60227 (Part 2)



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724	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flexing test	IEC: 60227 (Part 3)
725	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flexing test	IEC: 60227 (Part 4)
726	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flexing test	IEC: 60227 (Part 5)
727	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flexing test	IEC: 60227 (Part 7)
728	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Flexing test	IS: 694
729	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Heat Shock test	IEC: 60227 (Part 5)
730	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Heat Shock test	IS: 694
731	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Heat Shock test	IEC: 60227 (Part 1)
732	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Heat Shock test	IEC: 60227 (Part 2)
733	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Heat Shock test	IEC: 60227 (Part 3)
734	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Heat Shock test	IEC: 60227 (Part 4)
735	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Heat Shock test	IEC: 60227 (Part 6)
736	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Heat Shock test	IEC: 60227 (Part 7)
737	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	High voltage (Water Immersion)	IS: 694
738	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	High Voltage test at room temperature	IEC: 60227 (Part 1)
739	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	High Voltage test at room temperature	IEC: 60227 (Part 2)
740	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	High Voltage test at room temperature	IEC: 60227 (Part 3)
741	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	High Voltage test at room temperature	IEC: 60227 (Part 4)
742	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	High Voltage test at room temperature	IEC: 60227 (Part 5)



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743	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	High Voltage test at room temperature	IEC: 60227 (Part 6)
744	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	High Voltage test at room temperature	IEC: 60227 (Part 7)
745	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	High Voltage test at room temperature	IS: 694
746	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Hot deformation test / Pressure test at high temperature	IEC: 60227 (Part 2)
747	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Hot deformation test / Pressure test at high temperature	IEC: 60227 (Part 3)
748	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Hot deformation test / Pressure test at high temperature	IEC: 60227 (Part 4)
749	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Hot deformation test / Pressure test at high temperature	IEC: 60227 (Part 5)
750	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Hot deformation test / Pressure test at high temperature	IEC: 60227 (Part 6)
751	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Hot deformation test / Pressure test at high temperature	IEC: 60227 (Part 7)
752	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Hot deformation test / Pressure test at high temperature	IEC: 60227 (Part 1)
753	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Hot deformation test / Pressure test at high temperature	IS: 694
754	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Identification	IS: 694
755	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Insulation Resistance test	IEC: 60227 (Part 1)
756	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Insulation Resistance test	IEC: 60227 (Part 2)
757	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Insulation Resistance test	IEC: 60227 (Part 3)
758	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Insulation Resistance test	IEC: 60227 (Part 4)
759	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Insulation Resistance test	IEC: 60227 (Part 5)
760	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Insulation Resistance test	IEC: 60227 (Part 6)
761	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Insulation Resistance test	IEC: 60227 (Part 7)



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762	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Insulation Resistance test	IS: 694
763	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Insulation	IS: 694
764	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Loss of mass test.	IEC: 60227 (Part 1)
765	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Loss of mass test.	IEC: 60227 (Part 2)
766	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Loss of mass test.	IEC: 60227 (Part 3)
767	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Loss of mass test.	IEC: 60227 (Part 4)
768	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Loss of mass test.	IEC: 60227 (Part 5)
769	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Loss of mass test.	IEC: 60227 (Part 6)
770	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Loss of mass test.	IEC: 60227 (Part 7)
771	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Loss of mass test.	IS: 694
772	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Non Contamination test	IEC: 60227 (Part 1)
773	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Non Contamination test	IEC: 60227 (Part 2)
774	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Non Contamination test	IEC: 60227 (Part 5)
775	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Non Contamination test	IEC: 60227 (Part 6)
776	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Non Contamination test	IEC: 60227 (Part 7)
777	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Outer Sheath	IS: 694
778	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	ovality	IS: 694
779	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Oxygen Index	IS: 694
780	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Packing and Marking	IS: 694



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
<b>Certificate Number</b>	TC-5389	<b>Page No</b>	45 of 859
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781	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Persulphate test	IS: 694
782	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Shrinkage test	IS: 694
783	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Smoke density	IS: 694
784	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Snatch test	IEC: 60227 (Part 1)
785	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Snatch test	IEC: 60227 (Part 2)
786	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Snatch test	IEC: 60227 (Part 3)
787	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Snatch test	IEC: 60227 (Part 4)
788	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Snatch test	IEC: 60227 (Part 5)
789	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Snatch test	IEC: 60227 (Part 6)
790	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Snatch test	IEC: 60227 (Part 7)
791	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Temperature Index	IS: 694
792	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Tensile strength & Elongation at break	BS: 6004
793	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Tensile strength & Elongation at break	IEC: 60227 (Part 5)
794	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Tensile strength & Elongation at break	IEC: 60227 (Part 7)
795	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Tensile strength & Elongation at break	IS: 694
796	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Tensile strength & Elongation at break	IEC: 60227 (Part 1)
797	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Tensile strength & Elongation at break	IEC: 60227 (Part 2)
798	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Tensile strength & Elongation at break	IEC: 60227 (Part 3)
799	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Tensile strength & Elongation at break	IEC: 60227 (Part 4)



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800	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Tensile strength & Elongation at break	IEC: 60227 (Part 6)
801	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Tensile Strength ( for aluminium)	IS: 694
802	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thermal Stability test	IEC: 60227 (Part 1)
803	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thermal Stability test	IEC: 60227 (Part 2)
804	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thermal Stability test	IEC: 60227 (Part 3)
805	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thermal Stability test	IEC: 60227 (Part 4)
806	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thermal Stability test	IEC: 60227 (Part 7)
807	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thermal Stability test	IS: 694
808	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thermal Stability test	IEC: 60227 (Part 5)
809	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thermal Stability test	IEC: 60227 (Part 6)
810	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thickness of insulation and sheath / Overall Dimensions	BS: 6004
811	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thickness of insulation and sheath / Overall Dimensions	IEC: 60227 (Part 1)
812	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thickness of insulation and sheath / Overall Dimensions	IEC: 60227 (Part 2)
813	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thickness of insulation and sheath / Overall Dimensions	IEC: 60227 (Part 3)
814	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thickness of insulation and sheath / Overall Dimensions	IEC: 60227 (Part 4)
815	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thickness of insulation and sheath / Overall Dimensions	IEC: 60227 (Part 5)
816	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thickness of insulation and sheath / Overall Dimensions	IEC: 60227 (Part 6)
817	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thickness of insulation and sheath / Overall Dimensions	IEC: 60227 (Part 7)
818	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Thickness of insulation and sheath / Overall Dimensions	IS: 694



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819	ELECTRICAL- CABLES & WIRES	PVC Insulated Cable	Wrapping test (For aluminium)	IS: 694
820	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Static flexibility test	IEC: 60245 (Part 4)
821	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Air Bomb	IEC: 60245 (Part 1)
822	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Air Bomb	IEC: 60245 (Part 2)
823	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Air Bomb	IEC: 60245 (Part 3)
824	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Air Bomb	IEC: 60245 (Part 4)
825	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Air Bomb	IEC: 60245 (Part 5)
826	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Air Bomb	IEC: 60245 (Part 6)
827	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Air Bomb	IEC: 60245 (Part 7)
828	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in air oven	IEC: 60245 (Part 1)
829	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in air oven	IEC: 60245 (Part 2)
830	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in air oven	IEC: 60245 (Part 3)
831	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in air oven	IEC: 60245 (Part 4)
832	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in air oven	IEC: 60245 (Part 5)
833	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in air oven	IEC: 60245 (Part 6)
834	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in air oven	IEC: 60245 (Part 7)
835	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in air oven	IEC: 60245 (Part 8)
836	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Oxygen Bomb	IEC: 60245 (Part 1)
837	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Oxygen Bomb	IEC: 60245 (Part 2)



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838	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Oxygen Bomb	IEC: 60245 (Part 3)
839	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Oxygen Bomb	IEC: 60245 (Part 4)
840	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Oxygen Bomb	IEC: 60245 (Part 5)
841	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Oxygen Bomb	IEC: 60245 (Part 6)
842	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Oxygen Bomb	IEC: 60245 (Part 7)
843	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Ageing in Oxygen Bomb	IEC: 60245 (Part 8)
844	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Conductor Resistance	IEC: 60245 (Part 6)
845	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Conductor Resistance	IEC: 60245 (Part 7)
846	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Conductor Resistance	IEC: 60245 (Part 8)
847	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Conductor Resistance	IEC: 60245 (Part 1)
848	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Conductor Resistance	IEC: 60245 (Part 2)
849	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Conductor Resistance	IEC: 60245 (Part 3)
850	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Conductor Resistance	IEC: 60245 (Part 4)
851	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Conductor Resistance	IEC: 60245 (Part 5)
852	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	construction	IEC: 60245 (Part 1)
853	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	construction	IEC: 60245 (Part 2)
854	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	construction	IEC: 60245 (Part 3)
855	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	construction	IEC: 60245 (Part 4)
856	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	construction	IEC: 60245 (Part 5)



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857	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	construction	IEC: 60245 (Part 6)
858	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	construction	IEC: 60245 (Part 7)
859	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	construction	IEC: 60245 (Part 8)
860	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Flammability test	IEC: 60245 (Part 1)
861	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Flammability test	IEC: 60245 (Part 2)
862	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Flammability test	IEC: 60245 (Part 3)
863	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Flammability test	IEC: 60245 (Part 4)
864	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Flammability test	IEC: 60245 (Part 5)
865	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Flammability test	IEC: 60245 (Part 6)
866	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Flammability test	IEC: 60245 (Part 7)
867	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Flammability test	IEC: 60245 (Part 8)
868	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	High Voltage test at room temperature	IEC: 60245 (Part 1)
869	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	High Voltage test at room temperature	IEC: 60245 (Part 2)
870	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	High Voltage test at room temperature	IEC: 60245 (Part 3)
871	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	High Voltage test at room temperature	IEC: 60245 (Part 4)
872	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	High Voltage test at room temperature	IEC: 60245 (Part 5)
873	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	High Voltage test at room temperature	IEC: 60245 (Part 6)
874	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	High Voltage test at room temperature	IEC: 60245 (Part 7)
875	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	High Voltage test at room temperature	IEC: 60245 (Part 8)



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876	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Hot set test	IEC: 60245 (Part 1)
877	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Hot set test	IEC: 60245 (Part 2)
878	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Hot set test	IEC: 60245 (Part 3)
879	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Hot set test	IEC: 60245 (Part 4)
880	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Hot set test	IEC: 60245 (Part 5)
881	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Hot set test	IEC: 60245 (Part 6)
882	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Hot set test	IEC: 60245 (Part 7)
883	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Hot set test	IEC: 60245 (Part 8)
884	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Insulation Resistance test	IEC: 60245 (Part 1)
885	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Insulation Resistance test	IEC: 60245 (Part 2)
886	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Insulation Resistance test	IEC: 60245 (Part 3)
887	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Insulation Resistance test	IEC: 60245 (Part 4)
888	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Insulation Resistance test	IEC: 60245 (Part 5)
889	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Insulation Resistance test	IEC: 60245 (Part 6)
890	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Insulation Resistance test	IEC: 60245 (Part 7)
891	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Insulation Resistance test	IEC: 60245 (Part 8)
892	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Oil resistance test	IEC: 60245 (Part 1)
893	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Oil resistance test	IEC: 60245 (Part 2)
894	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Oil resistance test	IEC: 60245 (Part 3)



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895	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Oil resistance test	IEC: 60245 (Part 4)
896	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Oil resistance test	IEC: 60245 (Part 5)
897	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Oil resistance test	IEC: 60245 (Part 6)
898	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Oil resistance test	IEC: 60245 (Part 7)
899	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Oil resistance test	IEC: 60245 (Part 8)
900	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Static flexibility test	IEC: 60245 (Part 1)
901	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Static flexibility test	IEC: 60245 (Part 2)
902	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Static flexibility test	IEC: 60245 (Part 3)
903	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Static flexibility test	IEC: 60245 (Part 4)
904	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Static flexibility test	IEC: 60245 (Part 1)
905	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Static flexibility test	IEC: 60245 (Part 2)
906	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Static flexibility test	IEC: 60245 (Part 3)
907	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Static flexibility test	IEC: 60245 (Part 5)
908	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Static flexibility test	IEC: 60245 (Part 6)
909	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Static flexibility test	IEC: 60245 (Part 7)
910	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Static flexibility test	IEC: 60245 (Part 8)
911	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Tensile strength & Elongation at break	IEC: 60245 (Part 1)
912	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Tensile strength & Elongation at break	IEC: 60245 (Part 2)
913	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Tensile strength & Elongation at break	IEC: 60245 (Part 3)



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914	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Tensile strength & Elongation at break	IEC: 60245 (Part 4)
915	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Tensile strength & Elongation at break	IEC: 60245 (Part 5)
916	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Tensile strength & Elongation at break	IEC: 60245 (Part 6)
917	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Tensile strength & Elongation at break	IEC: 60245 (Part 7)
918	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Tensile strength & Elongation at break	IEC: 60245 (Part 8)
919	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Thickness of insulation and sheath / Overall Dimensions	IEC: 60245 (Part 1)
920	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Thickness of insulation and sheath / Overall Dimensions	IEC: 60245 (Part 2)
921	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Thickness of insulation and sheath / Overall Dimensions	IEC: 60245 (Part 3)
922	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Thickness of insulation and sheath / Overall Dimensions	IEC: 60245 (Part 4)
923	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Thickness of insulation and sheath / Overall Dimensions	IEC: 60245 (Part 5)
924	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Thickness of insulation and sheath / Overall Dimensions	IEC: 60245 (Part 6)
925	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Thickness of insulation and sheath / Overall Dimensions	IEC: 60245 (Part 7)
926	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Thickness of insulation and sheath / Overall Dimensions	IEC: 60245 (Part 8)
927	ELECTRICAL- CABLES & WIRES	Rubber insulated cables	Wear Resistance	IEC: 60245 (Part 2)
928	ELECTRICAL- CABLES & WIRES	T ELASTOMER CABLE SINGLE/ THREE CORE ( 3.3 kV UP TO AND INCLUDING 33 kV)	dielectric power factor test as a function of temperature	IS 9968 (Part 2)
929	ELECTRICAL- CABLES & WIRES	T ELASTOMER CABLE SINGLE/ THREE CORE ( 3.3 kV UP TO AND INCLUDING 33 kV)	dielectric power factor test as a function of voltage	IS 9968 (Part 2)
930	ELECTRICAL- CABLES & WIRES	T ELASTOMER CABLE SINGLE/ THREE CORE ( 3.3 kV UP TO AND INCLUDING 33 kV)	Heating cycle test	IS 9968 (Part 2)
931	ELECTRICAL- CABLES & WIRES	T ELASTOMER CABLE SINGLE/ THREE CORE ( 3.3 kV UP TO AND INCLUDING 33 kV)	High voltage test	IS 9968 (Part 2)
932	ELECTRICAL- CABLES & WIRES	T ELASTOMER CABLE SINGLE/ THREE CORE ( 3.3 kV UP TO AND INCLUDING 33 kV)	Partial discharge test	IS 9968 (Part 2)



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933	ELECTRICAL- CABLES & WIRES	Thermoplastic insulation and sheath	Loss of mass test.	BS EN: 60811-409
934	ELECTRICAL- CABLES & WIRES	Thermoplastic insulation and sheath	Loss of mass test.	IEC: 60811-409
935	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Ageing in air oven	BS EN: 60811-401
936	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Ageing in air oven	IEC: 60811-401
937	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Ageing in air oven	IS:10810 (Part 11)
938	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Conductor Resistance	IS:10810 (Part 5)
939	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Heat Shock test	BS EN: 60811-406
940	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Heat Shock test	IEC: 60811-406
941	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Heat Shock test	IS: 10810 (Part 14)
942	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Hot deformation test / Pressure test at high temperature	BS EN: 60811-508
943	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Hot deformation test / Pressure test at high temperature	IEC: 60811-508
944	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Hot deformation test / Pressure test at high temperature	IS: 10810 (Part 15)
945	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Hot deformation test / Pressure test at high temperature	IS:10810 (Part 15)
946	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Loss of mass test.	IS:10810 (Part 10)
947	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Shrinkage test	BS EN: 60811-502
948	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Shrinkage test	BS EN: 60811-503
949	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Shrinkage test	IEC: 60811-502
950	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Shrinkage test	IEC: 60811-503
951	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Shrinkage test	IS:10810 (Part 12)



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952	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Tensile strength & Elongation at break	BS EN: 60811-501
953	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Tensile strength & Elongation at break	IEC: 60811-501
954	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Tensile strength & Elongation at break	IS: 10810 (Part 7)
955	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Thermal Stability test	BS EN: 60811-405
956	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Thermal Stability test	IEC: 60811-405
957	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Thermal Stability test	IS: 10810 (Part 60)
958	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Thickness of insulation and sheath / Overall Dimensions	BS EN: 60811-201
959	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Thickness of insulation and sheath / Overall Dimensions	BS EN: 60811-202
960	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Thickness of insulation and sheath / Overall Dimensions	BS EN: 60811-203
961	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Thickness of insulation and sheath / Overall Dimensions	IEC: 60811-201
962	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Thickness of insulation and sheath / Overall Dimensions	IEC: 60811-202
963	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Thickness of insulation and sheath / Overall Dimensions	IEC: 60811-203
964	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Thickness of insulation and sheath / Overall Dimensions	IS: 10810 (Part 6)
965	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Water absorption test (gravimetric)	BS EN: 60811-402
966	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Water absorption test (gravimetric)	IEC: 60811-402
967	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath	Water absorption test (gravimetric)	IS: 10810 (Part 33)
968	ELECTRICAL- CABLES & WIRES	Thermoplastic or elastomeric insulation & sheath	Cold Bend Test	IS: 10810 (Part 20)
969	ELECTRICAL- CABLES & WIRES	Thermosetting & Elastomeric cable	Ageing in Air Bomb	IS:10810 (Part 56)
970	ELECTRICAL- CABLES & WIRES	Thermosetting & Elastomeric cable	Ageing in Oxygen Bomb	IS:10810 (Part 16)



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971	ELECTRICAL- CABLES & WIRES	Thermosetting & Elastomeric cable	Hot set test	BS EN: 60811-507
972	ELECTRICAL- CABLES & WIRES	Thermosetting & Elastomeric cable	Hot set test	IEC: 60811-507
973	ELECTRICAL- CABLES & WIRES	Thermosetting & Elastomeric cable	Hot set test	IS: 10810 (Part 30)
974	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Thickness of insulation and sheath / Overall Dimensions	BS: 7211
975	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cable	Tensile strength & Elongation at break	BS: 7211
976	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Ageing in air oven	BS: 7211
977	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Cold Bend Test	BS: 7211
978	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Cold Elongation test	BS: 7211
979	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Cold Impact test	BS: 7211
980	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Compatibility test	BS: 7211
981	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Conductor Resistance	BS: 7211
982	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Determination of the amount of halogen acid gas evolution - Corrosive & halogen acid gas	BS: 7211
983	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	BS: 7211
984	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	BS: 7211
985	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	BS: 7211
986	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Flammability test	BS: 7211
987	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Flammability test on bunched cables	BS: 7211



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988	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Heat Shock test	BS: 7211
989	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	High Voltage test at room temperature	BS: 7211
990	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Hot set test	BS: 7211
991	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Insulation Resistance test	BS: 7211
992	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	BS: 7211
993	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Smoke density of electric cables under fire conditions (Smoke emission - 3 M3 chamber)	BS: 7211
994	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Tear resistance test	BS: 7211
995	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	BS: 7211
996	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	BS: 7211
997	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Water absorption test (gravimetric)	BS: 7211
998	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	BS: 7211
999	ELECTRICAL- CABLES & WIRES	Thermosetting insulated and thermoplastic sheathed cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	BS: 7211
1000	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Compatibility test	BS: 7846
1001	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Abrasion test	BS: 6724
1002	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Ageing in air oven	BS: 6724
1003	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Cold Bend Test	BS: 6724



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1004	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Cold Elongation test	BS: 6724
1005	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Cold Impact test	BS: 6724
1006	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Compatibility test	BS: 6724
1007	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Conductor Resistance	BS: 6724
1008	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Determination of the amount of halogen acid gas evolution - Corrosive & halogen acid gas	BS: 6724
1009	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	BS: 6724
1010	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	BS: 6724
1011	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	BS: 6724
1012	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Fire Resistance test Cat C, W, Z	BS: 6724
1013	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Flammability test	BS: 6724
1014	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Flammability test on bunched cables	BS: 6724
1015	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Heat Shock test	BS: 6724
1016	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	High Voltage test at room temperature	BS: 6724
1017	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Hot set test	BS: 6724
1018	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Insulation Resistance test	BS: 6724
1019	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	BS: 6724
1020	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Shrinkage test	BS: 6724



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1021	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Smoke density of electric cables under fire conditions (Smoke emission - 3 M3 chamber)	BS: 6724
1022	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Tear resistance test	BS: 6724
1023	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Tensile strength & Elongation at break	BS: 6724
1024	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	BS: 6724
1025	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Thickness of insulation and sheath / Overall Dimensions	BS: 6724
1026	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	BS: 6724
1027	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Water absorption test (gravimetric)	BS: 6724
1028	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	BS: 6724
1029	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	BS: 6724
1030	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Cold Bend Test	BS: 7846
1031	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Determination of the amount of halogen acid gas evolution - Corrosive & halogen acid gas	BS: 7846
1032	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	BS: 7846
1033	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Flammability test	BS: 7846
1034	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Thickness of insulation and sheath / Overall Dimensions	BS: 7846
1035	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	BS: 7846



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1036	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Abrasion test	BS: 7846
1037	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Ageing in air oven	BS: 7846
1038	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Cold Elongation test	BS: 7846
1039	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Cold Impact test	BS: 7846
1040	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Conductor Resistance	BS: 7846
1041	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	BS: 7846
1042	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	BS: 7846
1043	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Fire Resistance test Cat C, W, Z	BS: 7846
1044	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Flammability test on bunched cables	BS: 7846
1045	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Heat Shock test	BS: 7846
1046	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	High Voltage test at room temperature	BS: 7846
1047	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Hot set test	BS: 7846
1048	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Insulation Resistance test	BS: 7846
1049	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	BS: 7846
1050	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Shrinkage test	BS: 7846
1051	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Smoke density of electric cables under fire conditions (Smoke emission - 3 M3 chamber)	BS: 7846
1052	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Tensile strength & Elongation at break	BS: 7846



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1053	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	BS: 7846
1054	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	BS: 7846
1055	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Water absorption test (gravimetric)	BS: 7846
1056	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	BS: 7846
1057	ELECTRICAL- CABLES & WIRES	Thermosetting insulated, armoured, fire-resistant cables	Tear resistance test	BS: 7846
1058	ELECTRICAL- CABLES & WIRES	TRANSITION JOINTS OF CABLES FOR WORKING VOLTAGES FROM 11 kV UP TO AND INCLUDING 33 kV	Dielectric power test as a function of voltage	IS 13705
1059	ELECTRICAL- CABLES & WIRES	TRANSITION JOINTS OF CABLES FOR WORKING VOLTAGES FROM 11 kV UP TO AND INCLUDING 33 kV	Impact	IS 13705
1060	ELECTRICAL- CABLES & WIRES	Welding cables	Ageing in Air Bomb	IS: 9857
1061	ELECTRICAL- CABLES & WIRES	Welding cables	Ageing in air oven	IS: 9857
1062	ELECTRICAL- CABLES & WIRES	Welding cables	Ageing in Oxygen Bomb	IS: 9857
1063	ELECTRICAL- CABLES & WIRES	Welding cables	Annealing test ( for copper)	IS: 9857
1064	ELECTRICAL- CABLES & WIRES	Welding cables	Armouring	IS: 9857
1065	ELECTRICAL- CABLES & WIRES	Welding cables	Conductor Resistance	IS: 9857
1066	ELECTRICAL- CABLES & WIRES	Welding cables	Conductor	IS: 9857
1067	ELECTRICAL- CABLES & WIRES	Welding cables	construction	IS: 9857
1068	ELECTRICAL- CABLES & WIRES	Welding cables	Flammability test	IS: 9857
1069	ELECTRICAL- CABLES & WIRES	Welding cables	High voltage (Water Immersion)	IS: 9857
1070	ELECTRICAL- CABLES & WIRES	Welding cables	Hot set test	IS: 9857



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1071	ELECTRICAL- CABLES & WIRES	Welding cables	Identification	IS: 9857
1072	ELECTRICAL- CABLES & WIRES	Welding cables	Inner Sheath	IS: 9857
1073	ELECTRICAL- CABLES & WIRES	Welding cables	Oil resistance test	IS: 9857
1074	ELECTRICAL- CABLES & WIRES	Welding cables	Outer Sheath	IS: 9857
1075	ELECTRICAL- CABLES & WIRES	Welding cables	Packing and Marking	IS: 9857
1076	ELECTRICAL- CABLES & WIRES	Welding cables	Static flexibility test	IS: 9857
1077	ELECTRICAL- CABLES & WIRES	Welding cables	Tear resistance test	IS: 9857
1078	ELECTRICAL- CABLES & WIRES	Welding cables	Tensile strength & Elongation at break	IS: 9857
1079	ELECTRICAL- CABLES & WIRES	Welding cables	Thickness of insulation and sheath / Overall Dimensions	IS: 9857
1080	ELECTRICAL- CABLES & WIRES	Welding cables	Insulation	IS: 9857
1081	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Armouring	IS: 8783 (Part 1)
1082	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Armouring	IS: 8783 (Part 3)
1083	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Armouring	IS: 8783 (Part 4/Sec 2)
1084	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Armouring	IS: 8783 (Part 4/Sec 3)
1085	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Armouring	IS: 8783 (Part 2)
1086	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Conductor	IS: 8783 (Part 4/Sec 2)
1087	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Identification	IS: 8783 (Part 1)
1088	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Identification	IS: 8783 (Part 3)
1089	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Identification	IS: 8783 (Part 4/Sec 1)



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1090	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Identification	IS: 8783 (Part 4/Sec 2)
1091	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Identification	IS: 8783 (Part 4/Sec 3)
1092	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Identification	IS:8783 (Part 2)
1093	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Inner Sheath	IS: 8783 (Part 1)
1094	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Inner Sheath	IS: 8783 (Part 3)
1095	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Inner Sheath	IS: 8783 (Part 4/Sec 1)
1096	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Inner Sheath	IS: 8783 (Part 4/Sec 2)
1097	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Insulation	IS: 8783 (Part 4/Sec 1)
1098	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Insulation	IS: 8783 (Part 4/Sec 2)
1099	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Insulation	IS: 8783 (Part 4/Sec 3)
1100	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Outer Sheath	IS: 8783 (Part 1)
1101	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Outer Sheath	IS: 8783 (Part 4/Sec 1)
1102	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Outer Sheath	IS: 8783 (Part 4/Sec 2)
1103	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Outer Sheath	IS:8783 (Part 2)
1104	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Packing and Marking	IS: 8783 (Part 1)
1105	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Packing and Marking	IS: 8783 (Part 3)
1106	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Packing and Marking	IS: 8783 (Part 4/Sec 1)
1107	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Packing and Marking	IS: 8783 (Part 4/Sec 2)
1108	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Packing and Marking	IS: 8783 (Part 4/Sec 3)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC,  
MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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1109	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Packing and Marking	IS:8783 (Part 2)
1110	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Tensile strength & Elongation at break	IS: 8783 (Part 3)
1111	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Tensile strength & Elongation at break	IS: 8783 (Part 4/Sec 1)
1112	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Tensile strength & Elongation at break	IS: 8783 (Part 4/Sec 2)
1113	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Tensile strength & Elongation at break	IS:8783 (Part 2)
1114	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Ageing in air oven	IS: 8783 (Part 1)
1115	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Ageing in air oven	IS: 8783 (Part 3)
1116	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Ageing in air oven	IS: 8783 (Part 4/Sec 1)
1117	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Ageing in air oven	IS: 8783 (Part 4/Sec 2)
1118	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Ageing in air oven	IS: 8783 (Part 4/Sec 3)
1119	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Ageing in air oven	IS:8783 (Part 2)
1120	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Annealing test ( for copper)	IS: 8783 (Part 1)
1121	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Annealing test ( for copper)	IS: 8783 (Part 3)
1122	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Annealing test ( for copper)	IS: 8783 (Part 4/Sec 1)
1123	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Annealing test ( for copper)	IS: 8783 (Part 4/Sec 2)
1124	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Annealing test ( for copper)	IS: 8783 (Part 4/Sec 3)
1125	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Annealing test ( for copper)	IS:8783 (Part 2)
1126	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Armouring	IS: 8783 (Part 4/Sec 1)
1127	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Conductor Resistance	IS: 8783 (Part 1)



# National Accreditation Board for Testing and Calibration Laboratories

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**Accreditation Standard** ISO/IEC 17025:2017

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1128	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Conductor Resistance	IS: 8783 (Part 3)
1129	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Conductor Resistance	IS: 8783 (Part 4/Sec 1)
1130	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Conductor Resistance	IS: 8783 (Part 4/Sec 2)
1131	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Conductor Resistance	IS: 8783 (Part 4/Sec 3)
1132	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Conductor Resistance	IS:8783 (Part 2)
1133	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Conductor	IS: 8783 (Part 1)
1134	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Conductor	IS: 8783 (Part 3)
1135	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Conductor	IS: 8783 (Part 4/Sec 1)
1136	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Conductor	IS: 8783 (Part 4/Sec 3)
1137	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Conductor	IS:8783 (Part 2)
1138	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	construction	IS: 8783 (Part 1)
1139	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	construction	IS: 8783 (Part 3)
1140	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	construction	IS: 8783 (Part 4/Sec 1)
1141	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	construction	IS: 8783 (Part 4/Sec 2)
1142	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	construction	IS: 8783 (Part 4/Sec 3)
1143	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	construction	IS:8783 (Part 2)
1144	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Heat Shock test	IS: 8783 (Part 1)
1145	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Heat Shock test	IS: 8783 (Part 3)
1146	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Heat Shock test	IS: 8783 (Part 4/Sec 1)



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1147	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Heat Shock test	IS: 8783 (Part 4/Sec 2)
1148	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Heat Shock test	IS: 8783 (Part 4/Sec 3)
1149	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Heat Shock test	IS:8783 (Part 2)
1150	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	High voltage (Water Immersion)	IS: 8783 (Part 3)
1151	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	High voltage (Water Immersion)	IS: 8783 (Part 4/Sec 3)
1152	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	High voltage (Water Immersion)	IS:8783 (Part 2)
1153	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	High voltage (Water Immersion)	IS: 8783 (Part 1)
1154	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	High voltage (Water Immersion)	IS: 8783 (Part 4/Sec 1)
1155	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	High voltage (Water Immersion)	IS: 8783 (Part 4/Sec 2)
1156	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Hot deformation test / Pressure test at high temperature	IS: 8783 (Part 3)
1157	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Hot deformation test / Pressure test at high temperature	IS: 8783 (Part 4/Sec 1)
1158	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Hot deformation test / Pressure test at high temperature	IS: 8783 (Part 4/Sec 2)
1159	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Hot deformation test / Pressure test at high temperature	IS: 8783 (Part 4/Sec 3)
1160	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Hot deformation test / Pressure test at high temperature	IS:8783 (Part 2)
1161	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Hot deformation test / Pressure test at high temperature	IS: 8783 (Part 1)
1162	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Hot set test	IS: 8783 (Part 3)
1163	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Hot set test	IS: 8783 (Part 4/Sec 2)
1164	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Hot set test	IS:8783 (Part 2)
1165	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Inner Sheath	IS: 8783 (Part 4/Sec 3)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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1166	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Inner Sheath	IS:8783 (Part 2)
1167	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Insulation Resistance test	IS: 8783 (Part 3)
1168	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Insulation Resistance test	IS: 8783 (Part 4/Sec 1)
1169	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Insulation Resistance test	IS: 8783 (Part 1)
1170	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Insulation Resistance test	IS: 8783 (Part 4/Sec 2)
1171	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Insulation Resistance test	IS: 8783 (Part 4/Sec 3)
1172	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Insulation Resistance test	IS:8783 (Part 2)
1173	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Insulation	IS: 8783 (Part 1)
1174	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Insulation	IS: 8783 (Part 3)
1175	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Insulation	IS:8783 (Part 2)
1176	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Outer Sheath	IS: 8783 (Part 3)
1177	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Outer Sheath	IS: 8783 (Part 4/Sec 3)
1178	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Shrinkage test	IS: 8783 (Part 3)
1179	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Shrinkage test	IS: 8783 (Part 4/Sec 1)
1180	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Shrinkage test	IS: 8783 (Part 4/Sec 2)
1181	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Shrinkage test	IS: 8783 (Part 4/Sec 3)
1182	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Shrinkage test	IS:8783 (Part 2)
1183	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Shrinkage test	IS: 8783 (Part 1)
1184	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Tensile strength & Elongation at break	IS: 8783 (Part 1)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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1185	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Tensile strength & Elongation at break	IS: 8783 (Part 4/Sec 3)
1186	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Thickness of insulation and sheath / Overall Dimensions	IS: 8783 (Part 1)
1187	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Thickness of insulation and sheath / Overall Dimensions	IS: 8783 (Part 3)
1188	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Thickness of insulation and sheath / Overall Dimensions	IS: 8783 (Part 4/Sec 1)
1189	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Thickness of insulation and sheath / Overall Dimensions	IS: 8783 (Part 4/Sec 2)
1190	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Thickness of insulation and sheath / Overall Dimensions	IS: 8783 (Part 4/Sec 3)
1191	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Thickness of insulation and sheath / Overall Dimensions	IS:8783 (Part 2)
1192	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Water absorption test (gravimetric)	IS: 8783 (Part 4/Sec 1)
1193	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Water absorption test (gravimetric)	IS: 8783 (Part 1)
1194	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Water absorption test (gravimetric)	IS: 8783 (Part 3)
1195	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Water absorption test (gravimetric)	IS: 8783 (Part 4/Sec 2)
1196	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Water absorption test (gravimetric)	IS: 8783 (Part 4/Sec 3)
1197	ELECTRICAL- CABLES & WIRES	Winding wires for submersible motors	Water absorption test (gravimetric)	IS:8783 (Part 2)
1198	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable ( 3.3 kV UP TO AND INCLUDING 33 kV)	"dielectric power factor test as a function of voltage	IS 7098 (Part 2)
1199	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable ( 3.3 kV UP TO AND INCLUDING 33 kV)	"dielectric power factor test as a function of temperature"	IS 7098 (Part 2)
1200	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable ( 3.3 kV UP TO AND INCLUDING 33 kV)	Bending test	IS 7098 (Part 2)
1201	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable ( 3.3 kV UP TO AND INCLUDING 33 kV)	Heat cycle test	IS 7098 (Part 2)
1202	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable ( 3.3 kV UP TO AND INCLUDING 33 kV)	High voltage test	IS 7098 (Part 2)
1203	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable ( 3.3 kV UP TO AND INCLUDING 33 kV)	Partial discharge test	IS 7098 (Part 2)



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1204	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable (66 kV UP TO AND INCLUDING 220 kV)	"Dielectric power factor and capacitance measurement at ambient temperature"	IS 7098 (Part 3)
1205	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable (66 kV UP TO AND INCLUDING 220 kV)	Bending test	IS 7098 (Part 3)
1206	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable (66 kV UP TO AND INCLUDING 220 kV)	Dielectric power factor measurement at elevated temperature	IS 7098 (Part 3)
1207	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable (66 kV UP TO AND INCLUDING 220 kV)	HV test	IS 7098 (Part 3)
1208	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable (66 kV UP TO AND INCLUDING 220 kV)	Load cycle test	IS 7098 (Part 3)
1209	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable (66 kV UP TO AND INCLUDING 220 kV)	Partial discharge test	IS 7098 (Part 3)
1210	ELECTRICAL- CABLES & WIRES	XLPE insulated thermoplastic sheathed cable (66 kV UP TO AND INCLUDING 220 kV)	water tightness test	IS 7098 (Part 3)
1211	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Ageing in Air Bomb	IEC: 60840 (withdrawn)
1212	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Cold Elongation test	IEC: 60840
1213	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Determination of pH & conductivity	IEC: 60840 (withdrawn)
1214	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 2)
1215	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength & Elongation at break	IEC: 60840 (withdrawn)
1216	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Ageing in Air Bomb	IEC: 60840
1217	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Ageing in air oven	SS EN: 50397-1
1218	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Ageing in air oven	BS 50363-3
1219	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Ageing in air oven	BS EN: 50397-1
1220	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Ageing in air oven	BS: 5467



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1221	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Ageing in air oven	BS: 7629
1222	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Ageing in air oven	IEC: 60840
1223	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Ageing in air oven	IEC: 60840 (withdrawn)
1224	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Ageing in air oven	IS: 7098 (Part 1)
1225	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Ageing in air oven	IS: 7098 (Part 2)
1226	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Ageing in air oven	IS: 7098 (Part 3)
1227	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Annealing test ( for copper)	IS: 7098 (Part 1)
1228	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Annealing test ( for copper)	IS: 7098 (Part 2)
1229	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Annealing test ( for copper)	IS: 7098 (Part 3)
1230	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Armour coverage	IS: 7098 (Part 1)
1231	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Armour coverage	IS: 7098 (Part 2)
1232	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Armouring	IS: 7098 (Part 1)
1233	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Armouring	IS: 7098 (Part 2)
1234	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Armouring	IS: 7098 (Part 3)
1235	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Carbon black content test	IEC: 60840
1236	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Carbon black content test	IS: 7098 (Part 2)
1237	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Carbon black content test	IS: 7098 (Part 3)
1238	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Carbon black content test	SS EN: 50397-1
1239	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Carbon black content test	IEC: 60840 (withdrawn)



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1240	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Cold Bend Test	IEC: 60840
1241	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Cold Bend Test	IEC: 60840 (withdrawn)
1242	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Cold Bend Test	IS: 7098 (Part 1)
1243	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Cold Elongation test	IEC: 60840 (withdrawn)
1244	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Cold Impact test	IEC: 60840
1245	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Cold Impact test	IEC: 60840 (withdrawn)
1246	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Cold Impact test	IS: 7098 (Part 1)
1247	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Cold Impact test	IS: 7098 (Part 2)
1248	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Compatibility test	SS EN: 50397-1
1249	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Compatibility test	IEC: 60840
1250	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Compatibility test	IEC: 60840 (withdrawn)
1251	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Compatibility test	IS: 7098 (Part 2)
1252	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Compatibility test	IS: 7098 (Part 3)
1253	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor Resistance	BS 50363-3
1254	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor Resistance	BS: 5467
1255	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor Resistance	BS: 7629
1256	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor Resistance	IEC: 60840 (withdrawn)
1257	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor Resistance	IS: 7098 (Part 1)
1258	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor Resistance	IS: 7098 (Part 2)



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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1259	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor Resistance	IS: 7098 (Part 3)
1260	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor Resistance	BS EN: 50397-1
1261	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor Resistance	IEC: 60840
1262	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor Resistance	SS EN: 50397-1
1263	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor Screenig	IS: 7098 (Part 1)
1264	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor Screenig	IS: 7098 (Part 2)
1265	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor Screenig	IS: 7098 (Part 3)
1266	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor	IS: 7098 (Part 1)
1267	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor	IS: 7098 (Part 2)
1268	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Conductor	IS: 7098 (Part 3)
1269	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	construction	IEC: 60840
1270	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	construction	IEC: 60840 (withdrawn)
1271	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	construction	IS: 7098 (Part 1)
1272	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	construction	IS: 7098 (Part 2)
1273	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	construction	IS: 7098 (Part 3)
1274	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Core Identification	IS: 7098 (Part 1)
1275	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Core Identification	IS: 7098 (Part 2)
1276	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Core Identification	IS: 7098 (Part 3)
1277	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Determination of pH & conductivity	IEC: 60840



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1278	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Determination of the amount of halogen acid gas evolution- Corrosive & halogen acid gas	IS: 7098 (Part 2)
1279	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Determination of the amount of halogen acid gas evolution - Corrosive & halogen acid gas	IS: 7098 (Part 1)
1280	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840 (withdrawn)
1281	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 1)
1282	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 2)
1283	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 3)
1284	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Dimensions for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840
1285	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Durability & Legibility of marking	SS EN: 50397-1
1286	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840 (withdrawn)
1287	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 1)
1288	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 2)
1289	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 3)



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1290	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Electrical Resistance test / Conductance test for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840
1291	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840 (withdrawn)
1292	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 1)
1293	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 2)
1294	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 3)
1295	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Elongation test for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840
1296	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	fillers	IS: 7098 (Part 1)
1297	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	fillers	IS: 7098 (Part 2)
1298	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	fillers	IS: 7098 (Part 3)
1299	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Fire Resistance test Cat C, W, Z	BS: 6387
1300	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Flame retardant test Swedish chimney test	IS: 7098 (Part 1)
1301	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Flame retardant test Swedish chimney test	IS: 7098 (Part 2)
1302	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Flammability test	IS: 7098 (Part 1)
1303	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Flammability test on bunched cables	IS: 7098 (Part 1)
1304	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Flammability test on bunched cables	IS: 7098 (Part 2)
1305	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Flammability test	IS: 7098 (Part 2)



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1306	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Flammability test	IS: 7098 (Part 3)
1307	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Heat Shock test	IS: 7098 (Part 1)
1308	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Heat Shock test	IEC: 60840
1309	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Heat Shock test	IEC: 60840 (withdrawn)
1310	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Heat Shock test	IS: 7098 (Part 2)
1311	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Heat Shock test	IS: 7098 (Part 3)
1312	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	High voltage (Water Immersion)	IS: 7098 (Part 1)
1313	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	High Voltage test at room temperature	IS: 7098 (Part 1)
1314	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Hot deformation test / Pressure test at high temperature	IEC: 60840
1315	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Hot deformation test / Pressure test at high temperature	IEC: 60840 (withdrawn)
1316	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Hot deformation test / Pressure test at high temperature	IS: 7098 (Part 1)
1317	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Hot deformation test / Pressure test at high temperature	IS: 7098 (Part 2)
1318	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Hot deformation test / Pressure test at high temperature	IS: 7098 (Part 3)
1319	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Hot deformation test / Pressure test at high temperature	SS EN: 50397-1
1320	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Hot set test	IS: 7098 (Part 1)
1321	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Hot set test	IEC: 60840
1322	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Hot set test	IEC: 60840 (withdrawn)
1323	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Hot set test	IS: 7098 (Part 2)
1324	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Hot set test	IS: 7098 (Part 3)



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1325	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Hot set test	SS EN: 50397-1
1326	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Identification	IS: 7098 (Part 1)
1327	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Identification	IS: 7098 (Part 2)
1328	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Identification	IS: 7098 (Part 3)
1329	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Inner Sheath	IS: 7098 (Part 1)
1330	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Inner Sheath	IS: 7098 (Part 2)
1331	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Inner Sheath	IS: 7098 (Part 3)
1332	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Insulation Resistance test	IS: 7098 (Part 1)
1333	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Insulation Resistance test	IS: 7098 (Part 2)
1334	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Insulation	IS: 7098 (Part 1)
1335	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Insulation	IS: 7098 (Part 2)
1336	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Insulation	IS: 7098 (Part 3)
1337	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Laying up cores	IS: 7098 (Part 1)
1338	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Laying up cores	IS: 7098 (Part 2)
1339	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Laying up cores	IS: 7098 (Part 3)
1340	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Loss of mass test.	IEC: 60840 (withdrawn)
1341	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Loss of mass test.	IS: 7098 (Part 1)
1342	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Loss of mass test.	IS: 7098 (Part 3)
1343	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Loss of mass test.	IEC: 60840



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1344	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Loss of mass test.	IS: 7098 (Part 2)
1345	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840
1346	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840 (withdrawn)
1347	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 1)
1348	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 2)
1349	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Mass of zinc coating test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 3)
1350	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	moisture barrier	IS: 7098 (Part 3)
1351	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Non Contamination test	IS: 7098 (Part 3)
1352	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Outer Sheath	IS: 7098 (Part 1)
1353	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Outer Sheath	IS: 7098 (Part 2)
1354	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Outer Sheath	IS: 7098 (Part 3)
1355	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Oxygen Index	IS: 7098 (Part 1)
1356	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Oxygen Index	IS: 7098 (Part 2)
1357	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Ozone resistance test	IEC: 60840
1358	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Ozone resistance test	IEC: 60840 (withdrawn)
1359	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Packing and Marking	IS: 7098 (Part 1)
1360	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Packing and Marking	IS: 7098 (Part 2)



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1361	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Packing and Marking	IS: 7098 (Part 3)
1362	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Shrinkage test	IS: 7098 (Part 1)
1363	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Shrinkage test	SS EN: 50397-1
1364	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Shrinkage test	BS EN: 50397-1
1365	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Shrinkage test	IEC: 60840
1366	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Shrinkage test	IEC: 60840 (withdrawn)
1367	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Shrinkage test	IS: 7098 (Part 2)
1368	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Shrinkage test	IS: 7098 (Part 3)
1369	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Temperature Index	IS: 7098 (Part 1)
1370	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Temperature Index	IS: 7098 (Part 2)
1371	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength & Elongation at break	BS EN: 50397-1
1372	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength & Elongation at break	BS: 5467
1373	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength & Elongation at break	BS: 7629
1374	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength & Elongation at break	SS EN: 50397-1
1375	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength & Elongation at break	BS 50363-3
1376	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength & Elongation at break	IEC: 60840
1377	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength & Elongation at break	IS: 7098 (Part 1)
1378	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength & Elongation at break	IS: 7098 (Part 2)
1379	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength & Elongation at break	IS: 7098 (Part 3)



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1380	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile Strength ( for aluminium)	IS: 7098 (Part 1)
1381	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile Strength ( for aluminium)	IS: 7098 (Part 2)
1382	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840 (withdrawn)
1383	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 1)
1384	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 2)
1385	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 3)
1386	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Tensile strength test for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840
1387	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Thermal Stability test	IS: 7098 (Part 1)
1388	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Thermal Stability test	IS: 7098 (Part 2)
1389	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Thermal Stability test	IS: 7098 (Part 3)
1390	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Thickness of insulation and sheath / Overall Dimensions	BS 50363-3
1391	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Thickness of insulation and sheath / Overall Dimensions	BS EN: 50397-1
1392	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Thickness of insulation and sheath / Overall Dimensions	BS: 5467
1393	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Thickness of insulation and sheath / Overall Dimensions	BS: 7629
1394	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Thickness of insulation and sheath / Overall Dimensions	IEC: 60840 (withdrawn)
1395	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Thickness of insulation and sheath / Overall Dimensions	IS: 7098 (Part 1)
1396	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Thickness of insulation and sheath / Overall Dimensions	IS: 7098 (Part 2)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

**Validity** 31/03/2022 to 30/03/2024

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1397	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Thickness of insulation and sheath / Overall Dimensions	IS: 7098 (Part 3)
1398	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Thickness of insulation and sheath / Overall Dimensions	SS EN: 50397-1
1399	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Thickness of insulation and sheath / Overall Dimensions	IEC: 60840
1400	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840 (withdrawn)
1401	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 1)
1402	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 2)
1403	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 3)
1404	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Torsion test for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840
1405	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Volume Resistivity of semi conducting screen	IEC: 60840
1406	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Volume Resistivity of semi conducting screen	IEC: 60840 (withdrawn)
1407	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Volume Resistivity of semi conducting screen	IS: 7098 (Part 2)
1408	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Volume Resistivity of semi conducting screen	IS: 7098 (Part 3)
1409	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Water absorption test (gravimetric)	IS: 7098 (Part 1)
1410	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Water absorption test (gravimetric)	IS: 7098 (Part 2)
1411	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Water absorption test (gravimetric)	SS EN: 50397-1
1412	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840 (withdrawn)



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1413	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 1)
1414	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 2)
1415	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 3)
1416	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840
1417	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IEC: 60840 (withdrawn)
1418	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 1)
1419	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 2)
1420	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Winding test for Armour wires for Cables (Round, Formed, Strips)	IS: 7098 (Part 3)
1421	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Wrapping test (For aluminium)	IS: 7098 (Part 1)
1422	ELECTRICAL- CABLES & WIRES	XLPE Insulated thermoplastic sheathed cables	Wrapping test (For aluminium)	IS: 7098 (Part 2)
1423	ELECTRICAL- CAPACITORS	"Power Capacitor, LT Shunt capacitor (SH/NSH) (0.1-50kVAR)"	Visual Examination & Markings	CSA: C22.2 NO. 190-M
1424	ELECTRICAL- CAPACITORS	A.C. motor capacitors	Bending	IS 2993
1425	ELECTRICAL- CAPACITORS	A.C. motor capacitors	Soldering test	IS 2993
1426	ELECTRICAL- CAPACITORS	A.C. motor capacitors	Tensile	IS 2993
1427	ELECTRICAL- CAPACITORS	A.C. motor capacitors	Torque	IS 2993
1428	ELECTRICAL- CAPACITORS	A.C. motor capacitors	Torsion	IS 2993
1429	ELECTRICAL- CAPACITORS	A.C. motor capacitors	Vibration test	IS 2993
1430	ELECTRICAL- CAPACITORS	L.T./H.T Power Capacitor	Lightning Impulse Voltage Test	IEC 60831 - 1
1431	ELECTRICAL- CAPACITORS	L.T./H.T Power Capacitor	Lightning Impulse Voltage Test	IEC 60831 - 2



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1432	ELECTRICAL- CAPACITORS	L.T./H.T Power Capacitor	Lightning Impulse Voltage Test	IEC 60871 - 1
1433	ELECTRICAL- CAPACITORS	L.T./H.T Power Capacitor	Lightning Impulse Voltage Test	IEC 60871 - 2
1434	ELECTRICAL- CAPACITORS	L.T./H.T Power Capacitor	Lightning Impulse Voltage Test	IS 11530
1435	ELECTRICAL- CAPACITORS	L.T./H.T Power Capacitor	Lightning Impulse Voltage Test	IS 13340 - 1
1436	ELECTRICAL- CAPACITORS	L.T./H.T Power Capacitor	Lightning Impulse Voltage Test	IS 13340 - 2
1437	ELECTRICAL- CAPACITORS	L.T./H.T Power Capacitor	Lightning Impulse Voltage Test	IS 13585 - 1
1438	ELECTRICAL- CAPACITORS	L.T./H.T Power Capacitor	Lightning Impulse Voltage Test	IS 13925 - 1
1439	ELECTRICAL- CAPACITORS	L.T./H.T Power Capacitor	Lightning Impulse Voltage Test	IS 13925 - 2
1440	ELECTRICAL- CAPACITORS	L.T./H.T Power Capacitor	Lightning Impulse Voltage Test	CSA: C22.2 NO. 190-M
1441	ELECTRICAL- CAPACITORS	L.T./H.T Power Capacitor	Lightning Impulse Voltage Test	IS 11530
1442	ELECTRICAL- CAPACITORS	Power Capacitor, LT Shunt capacitor (SH/NSH) (0.1-50kVAR)	Sealing Test	IS 13340 (Part-1)
1443	ELECTRICAL- CAPACITORS	Power Capacitor, LT Shunt capacitor (SH/NSH)(0.1-50kVAR)	Visual Examination & Markings	UL 810
1444	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Capacitance measurement/ as a function of temperature	IEC 60252 (Part-1)
1445	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Capacitance measurement/ as a function of temperature	IEC 60252 (Part-2)
1446	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Capacitance measurement/ as a function of temperature	IEC 61049
1447	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Capacitance measurement/ as a function of temperature	IS 1569
1448	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Capacitance measurement/ as a function of temperature	IS 1709
1449	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Capacitance measurement/ as a function of temperature	IS 2993
1450	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Check markings	IEC 60252 (Part-1)
1451	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Check markings	IEC 60252 (Part-2)
1452	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Check markings	IS 2993
1453	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Check of dimensions	IEC 60252 (Part-1)
1454	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Check of dimensions	IEC 60252 (Part-2)



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1455	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Check of dimensions	IEC 61048
1456	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Check of dimensions	IEC 61049
1457	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Check of dimensions	IS 1709
1458	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Check of dimensions	IS 2993
1459	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Damp heat test / Humidity test with voltage applied	IEC 60252 (Part-1)
1460	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Damp heat test / Humidity test with voltage applied	IEC 60252 (Part-2)
1461	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Damp heat test / Humidity test with voltage applied	IEC 61048
1462	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Damp heat test / Humidity test with voltage applied	IS 1569
1463	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Damp heat test / Humidity test with voltage applied	IS 1709
1464	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Damp heat test / Humidity test with voltage applied	IS 2993
1465	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Destruction test	IEC 60252 (Part-1)
1466	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Destruction test	IEC 60252 (Part-2)
1467	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Destruction test	IEC 61048
1468	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Destruction test	IS 1569
1469	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Destruction test	IS 1709
1470	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Destruction test	IS 2993
1471	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Discharge resistor test	IEC 61048
1472	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Discharge resistor test	IS 1569
1473	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Endurance test	IEC 60252 (Part-1)



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1474	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Endurance test	IEC 60252 (Part-2)
1475	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Endurance test	IEC 61049
1476	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Endurance test	IS 1569
1477	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Endurance test	IS 1709
1478	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Endurance test	IS 2993
1479	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Insulation resistance test	IS 1709
1480	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Measurement of tangent of loss angle	IEC 60252 (Part-1)
1481	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Measurement of tangent of loss angle	IEC 60252 (Part-2)
1482	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Measurement of tangent of loss angle	IS 1709
1483	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Measurement of tangent of loss angle	IS 2993
1484	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Sealing/and heating test	IEC 60252 (Part-1)
1485	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Sealing/and heating test	IEC 60252 (Part-2)
1486	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Sealing/and heating test	IEC 61048
1487	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Sealing/and heating test	IS 1569
1488	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Sealing/and heating test	IS 1709
1489	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Sealing/and heating test	IS 2993
1490	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Self-healing test	IEC 60252 (Part-1)
1491	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Self-healing test	IEC 60252 (Part-2)
1492	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Self-healing test	IEC 61048



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1493	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Self-healing test	IEC 61049
1494	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Self-healing test	IS 1569
1495	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Self-healing test	IS 1709
1496	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Self-healing test	IS 2993
1497	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Thermal stability test	IS 1569
1498	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Visual examination	IEC 60252 (Part-1)
1499	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Visual examination	IEC 60252 (Part-2)
1500	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Visual examination	IS 2993
1501	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Visual examination & markings	IEC 61048
1502	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Visual examination & markings	IEC 61049
1503	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Visual examination & markings	IS 1569
1504	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Visual examination & markings	IS 1709
1505	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Voltage test between terminals / Voltage proof test	IEC 60252 (Part-1)
1506	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Voltage test between terminals / Voltage proof test	IEC 60252 (Part-2)
1507	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Voltage test between terminals / Voltage proof test	IEC 61048
1508	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Voltage test between terminals / Voltage proof test	IS 1569
1509	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Voltage test between terminals / Voltage proof test	IS 1709
1510	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Voltage test between terminals / Voltage proof test	IS 2993



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1511	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Voltage test between terminals and case / container/ High voltage test to container	IEC 60252 (Part-1)
1512	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Voltage test between terminals and case / container/ High voltage test to container	IEC 60252 (Part-2)
1513	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Voltage test between terminals and case / container/ High voltage test to container	IEC 61048
1514	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Voltage test between terminals and case / container/ High voltage test to container	IS 1569
1515	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Voltage test between terminals and case / container/ High voltage test to container	IS 1709
1516	ELECTRICAL- CAPACITORS	Power Capacitors, Capacitor for AC Motor, Fan Motor / TF, HPM, LPSV Discharge Lamps Circuit	Voltage test between terminals and case / container/ High voltage test to container	IS 2993
1517	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400 kVAR)	AC voltage test between terminals & container	IS 13925 (Part-1)
1518	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400 kVAR)	Capacitance measurement	IS 13925 (Part-1)
1519	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400 kVAR)	Endurance test	IS 13925 (Part-1)
1520	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400 kVAR)	Endurance test	IS 13925 (Part-2)
1521	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400 kVAR)	Lightning Impulse voltage test between term	IS 13925 (Part-1)
1522	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400 kVAR)	Measurement of the tangent of the loss angle (tan d) of the capacitor	IS 13925 (Part-1)
1523	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400 kVAR)	Measurement of the tangent of the loss angle (tan delta) of the capacitor at elevated temperature	IS 13925 (Part-1)
1524	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400 kVAR)	Sealing test	IS 13925 (Part-1)
1525	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400 kVAR)	Short-circuit discharge test	IS 13925 (Part-1)
1526	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400 kVAR)	Test of internal discharge device	IS 13925 (Part-1)
1527	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400 kVAR)	Thermal stability test	IS 13925 (Part-1)
1528	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400 kVAR)	Voltage test between terminals	IS 13925 (Part-1)



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1529	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400kVAR)	AC voltage test between terminals & container	IEC 60871 (Part-1)
1530	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400kVAR)	Capacitance measurement	IEC 60871 (Part-1)
1531	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400kVAR)	Endurance test	IEC 60871 (Part-1)
1532	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400kVAR)	Endurance test	IEC 60871 (Part-2)
1533	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400kVAR)	Lightning Impulse voltage test between term	IEC 60871 (Part-1)
1534	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400kVAR)	Measurement of the tangent of the loss angle (tan d) of the capacitor	IEC 60871 (Part-1)
1535	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400kVAR)	Measurement of the tangent of the loss angle (tan delta) of the capacitor at elevated temperature	IEC 60871 (Part-1)
1536	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400kVAR)	Sealing test	IEC 60871 (Part-1)
1537	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400kVAR)	Short-circuit discharge test	IEC 60871 (Part-1)
1538	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400kVAR)	Test of internal discharge device	IEC 60871 (Part-1)
1539	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400kVAR)	Thermal stability test	IEC 60871 (Part-1)
1540	ELECTRICAL- CAPACITORS	Power Capacitors, H.T Power Capacitor (0.1-400kVAR)	Voltage test between terminals	IEC 60871 (Part-1)
1541	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Ageing test	IEC 60931 (Part-2)
1542	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Ageing test	IEC 60831 (Part-1)
1543	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Ageing test	IEC 60831 (Part-2)
1544	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Ageing test	IEC 60931 (Part-1)
1545	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Ageing test	IS 13340 (Part-1)
1546	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Ageing test	IS 13340 (Part-2)
1547	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Ageing test	IS 13585 (Part-1)
1548	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Ageing test	IS 13585 (Part-2)



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1549	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Capacitance measurement and output calculation	IEC 60831 (Part-1)
1550	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Capacitance measurement and output calculation	IEC 60931 (Part-1)
1551	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Capacitance measurement and output calculation	IS 13340 (Part-1)
1552	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Capacitance measurement and output calculation	IS 13585 (Part-1)
1553	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Destruction test	IEC 60831 (Part-1)
1554	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Destruction test	IEC 60831 (Part-2)
1555	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Destruction test	IEC 60931 (Part-1)
1556	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Destruction test	IEC 60931 (Part-2)
1557	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Destruction test	IS 13340 (Part-1)
1558	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Destruction test	IS 13340 (Part-2)
1559	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Destruction test	IS 13585 (Part-1)
1560	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Destruction test	IS 13585 (Part-2)
1561	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Discharge test	CSA: C22.2 NO. 190-M
1562	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Discharge test	IEC 60831 (Part-1)
1563	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Discharge test	IEC 60931 (Part-1)
1564	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Discharge test	IS 13340 (Part-1)
1565	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Discharge test	IS 13585 (Part-1)
1566	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Lighting impulse voltage test between terminals & container	CSA: C22.2 NO. 190-M
1567	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Lighting impulse voltage test between terminals & container	IEC 60831 (Part-1)



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1568	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Lighting impulse voltage test between terminals & container	IEC 60931 (Part-1)
1569	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Lighting impulse voltage test between terminals & container	IS 13340 (Part-1)
1570	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Lighting impulse voltage test between terminals & container	IS 13585 (Part-1)
1571	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Measurement of the tangent of the loss angle (tan delta) of the capacitor	IEC 60831 (Part-1)
1572	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Measurement of the tangent of the loss angle (tan delta) of the capacitor	IEC 60931 (Part-1)
1573	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Measurement of the tangent of the loss angle (tan delta) of the capacitor	IS 13340 (Part-1)
1574	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Measurement of the tangent of the loss angle (tan delta) of the capacitor	IS 13585 (Part-1)
1575	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Measurement of the tangent of the loss angle (tan delta) of the capacitor at elevated temperature	CSA: C22.2 NO. 190-M
1576	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Measurement of the tangent of the loss angle (tan delta) of the capacitor at elevated temperature	IEC 60831 (Part-1)
1577	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Measurement of the tangent of the loss angle (tan delta) of the capacitor at elevated temperature	IEC 60931 (Part-1)
1578	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Measurement of the tangent of the loss angle (tan delta) of the capacitor at elevated temperature	IS 13340 (Part-1)
1579	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Measurement of the tangent of the loss angle (tan delta) of the capacitor at elevated temperature	IS 13585 (Part-1)
1580	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Sealing Test	IEC 60831 (Part-1)
1581	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Sealing Test	IEC 60931 (Part-1)



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1582	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Sealing Test	IS 13585 (Part-1)
1583	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Self healing test	IEC 60831 (Part-1)
1584	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Self healing test	IEC 60831 (Part-2)
1585	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Self healing test	IS 13340 (Part-1)
1586	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Self healing test	IS 13340 (Part-2)
1587	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Test of the internal discharge device	CSA: C22.2 NO. 190-M
1588	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Test of the internal discharge device	IEC 60831 (Part-1)
1589	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Test of the internal discharge device	IEC 60931 (Part-1)
1590	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Test of the internal discharge device	IS 13340 (Part-1)
1591	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Test of the internal discharge device	IS 13585 (Part-1)
1592	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Thermal stability test	CSA: C22.2 NO. 190-M
1593	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Thermal stability test	IEC 60831 (Part-1)
1594	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Thermal stability test	IEC 60931 (Part-1)
1595	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Thermal stability test	IS 13340 (Part-1)
1596	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Thermal stability test	IS 13585 (Part-1)
1597	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Voltage test between terminals	CSA: C22.2 NO. 190-M
1598	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Voltage test between terminals	IEC 60831 (Part-1)
1599	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Voltage test between terminals	IEC 60931 (Part-1)
1600	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Voltage test between terminals	IS 13340 (Part-1)



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1601	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Voltage test between terminals	IS 13585 (Part-1)
1602	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Voltage test between terminals	UL 810
1603	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Voltage test between terminals and container	IEC 60831 (Part-1)
1604	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Voltage test between terminals and container	IEC 60931 (Part-1)
1605	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Voltage test between terminals and container	IS 13340 (Part-1)
1606	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Voltage test between terminals and container	IS 13585 (Part-1)
1607	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Voltage test between terminals and container	UL 810
1608	ELECTRICAL- CAPACITORS	Power Capacitors, L.T Shunt Power Capacitor (SH/NSH) (0.1-50 kVAR)	Voltage test between terminals and container/ Power frequency voltage withstand test between terminals and container	CSA: C22.2 NO. 190-M
1609	ELECTRICAL- CAPACITORS	Power Capacitors, Surge Protection Capacitor (0.1-400 kVAR)	Dielectric loss angle test & capacitor losses test (Tan delta)	IS 11548
1610	ELECTRICAL- CAPACITORS	Power Capacitors, Surge Protection Capacitor (0.1-400 kVAR)	Impulse voltage test	IS 11548
1611	ELECTRICAL- CAPACITORS	Power Capacitors, Surge Protection Capacitor (0.1-400 kVAR)	Measurement of capacitance	IS 11548
1612	ELECTRICAL- CAPACITORS	Power Capacitors, Surge Protection Capacitor (0.1-400 kVAR)	Partial discharge test	IS 11548
1613	ELECTRICAL- CAPACITORS	Power Capacitors, Surge Protection Capacitor (0.1-400 kVAR)	Sealing test	IS 11548
1614	ELECTRICAL- CAPACITORS	Power Capacitors, Surge Protection Capacitor (0.1-400 kVAR)	Short-circuit discharge test	IS 11548
1615	ELECTRICAL- CAPACITORS	Power Capacitors, Surge Protection Capacitor (0.1-400 kVAR)	Test for internal discharge device	IS 11548
1616	ELECTRICAL- CAPACITORS	Power Capacitors, Surge Protection Capacitor (0.1-400 kVAR)	Thermal stability test	IS 11548
1617	ELECTRICAL- CAPACITORS	Power Capacitors, Surge Protection Capacitor (0.1-400 kVAR)	Voltage tests	IS 11548



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1618	ELECTRICAL- CAPACITORS	Specification for capacitors for electric fan motors	Test for Flexibility of Lead Terminations	IS 1709
1619	ELECTRICAL- CAPACITORS	Specification for capacitors for electric fan motors	Test for Flexibility of Soldering Tags	IS 1709
1620	ELECTRICAL- CAPACITORS	Specification for capacitors for electric fan motors	Test for Robustness of the Termination	IS 1709
1621	ELECTRICAL- CELLS & BATTERIES	Electrically propelled road vehicles — dimensions and designation of secondary lithium-ion cells	Designation of cell	IS 16827; ISO/IEC PAS 16898
1622	ELECTRICAL- CELLS & BATTERIES	Electrically propelled road vehicles — dimensions and designation of secondary lithium-ion cells	Dimensions for the selected cell design	IS 16827; ISO/IEC PAS 16898
1623	ELECTRICAL- CELLS & BATTERIES	Electrically propelled road vehicles — dimensions and designation of secondary lithium-ion cells	Measurement conditions	IS 16827; ISO/IEC PAS 16898
1624	ELECTRICAL- CELLS & BATTERIES	Electrically propelled road vehicles — dimensions and designation of secondary lithium-ion cells	Shape of construction and constituent parts of secondary lithium-ion cells	IS 16827; ISO/IEC PAS 16898
1625	ELECTRICAL- CELLS & BATTERIES	Lead acid batteries for motor vehicles	Air Pressure test	IS 7372
1626	ELECTRICAL- CELLS & BATTERIES	Lead acid batteries for motor vehicles	Capacity	IS 7372
1627	ELECTRICAL- CELLS & BATTERIES	Lead acid batteries for motor vehicles	Dimensions and layout	IS 7372
1628	ELECTRICAL- CELLS & BATTERIES	Lead acid batteries for motor vehicles	High rate discharge at low temperature	IS 7372
1629	ELECTRICAL- CELLS & BATTERIES	Lead acid batteries for motor vehicles	High rate discharge at normal temperature for battery for heavy duty application	IS 7372
1630	ELECTRICAL- CELLS & BATTERIES	Lead acid batteries for motor vehicles	High rate discharge at normal temperature	IS 7372
1631	ELECTRICAL- CELLS & BATTERIES	Lead acid batteries for motor vehicles	High-rate discharge capacity (Dry charged battery)	IS 7372
1632	ELECTRICAL- CELLS & BATTERIES	Lead acid batteries for motor vehicles	Life test	IS 7372
1633	ELECTRICAL- CELLS & BATTERIES	Lead acid batteries for motor vehicles	Marking	IS 7372
1634	ELECTRICAL- CELLS & BATTERIES	Lead acid batteries for motor vehicles	Physical examination	IS 7372
1635	ELECTRICAL- CELLS & BATTERIES	Lead acid batteries for motor vehicles	Resistance to over charge	IS 7372



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1636	ELECTRICAL- CELLS & BATTERIES	Lead acid batteries for motor vehicles	Retention of charge test	IS 7372
1637	ELECTRICAL- CELLS & BATTERIES	Lead acid batteries for motor vehicles	Storage test	IS 7372
1638	ELECTRICAL- CELLS & BATTERIES	Lead acid batteries for motor vehicles	Storage test (for dry charged batteries)	IS 7372
1639	ELECTRICAL- CELLS & BATTERIES	Multipurpose Dry Batteries	Checking of marking	IS 6303
1640	ELECTRICAL- CELLS & BATTERIES	Multipurpose Dry Batteries	Checking of marking	IS 8144
1641	ELECTRICAL- CELLS & BATTERIES	Multipurpose Dry Batteries	Delayed life test	IS 6303
1642	ELECTRICAL- CELLS & BATTERIES	Multipurpose Dry Batteries	Delayed life test	IS 8144
1643	ELECTRICAL- CELLS & BATTERIES	Multipurpose Dry Batteries	Delayed life Under dry heat conditions	IS 6303
1644	ELECTRICAL- CELLS & BATTERIES	Multipurpose Dry Batteries	Delayed life Under dry heat conditions	IS 8144
1645	ELECTRICAL- CELLS & BATTERIES	Multipurpose Dry Batteries	Initial life test	IS 6303
1646	ELECTRICAL- CELLS & BATTERIES	Multipurpose Dry Batteries	Initial life test	IS 8144
1647	ELECTRICAL- CELLS & BATTERIES	Multipurpose Dry Batteries	Leak test	IS 6303
1648	ELECTRICAL- CELLS & BATTERIES	Multipurpose Dry Batteries	Leak test	IS 8144
1649	ELECTRICAL- CELLS & BATTERIES	Multipurpose Dry Batteries	Materials and construction	IS 6303
1650	ELECTRICAL- CELLS & BATTERIES	Multipurpose Dry Batteries	Materials and construction	IS 8144
1651	ELECTRICAL- CELLS & BATTERIES	Multipurpose Dry Batteries	Checking of dimensions and terminals	IS 6303
1652	ELECTRICAL- CELLS & BATTERIES	Multipurpose Dry Batteries	Checking of dimensions and terminals	IS 8144
1653	ELECTRICAL- CELLS & BATTERIES	Secondary cell and batteries containing alkaline and other non-acid electrolyte- Secondary lithium cells and batteries for portable applications	Electrostatic discharge	IS 16047-3; IEC 61960-3



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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1654	ELECTRICAL- CELLS & BATTERIES	Secondary cell and batteries containing alkaline and other non-acid electrolyte- Secondary lithium cells and batteries for portable applications	Battery internal resistance	IS 16047-3; IEC 61960-3
1655	ELECTRICAL- CELLS & BATTERIES	Secondary cell and batteries containing alkaline and other non-acid electrolyte- Secondary lithium cells and batteries for portable applications	Cell designation and marking	IS 16047-3; IEC 61960-3
1656	ELECTRICAL- CELLS & BATTERIES	Secondary cell and batteries containing alkaline and other non-acid electrolyte- Secondary lithium cells and batteries for portable applications	Charge recovery after long term storage	IS 16047-3; IEC 61960-3
1657	ELECTRICAL- CELLS & BATTERIES	Secondary cell and batteries containing alkaline and other non-acid electrolyte- Secondary lithium cells and batteries for portable applications	Charge retention and recovery	IS 16047-3; IEC 61960-3
1658	ELECTRICAL- CELLS & BATTERIES	Secondary cell and batteries containing alkaline and other non-acid electrolyte- Secondary lithium cells and batteries for portable applications	Discharge performance	IS 16047-3; IEC 61960-3
1659	ELECTRICAL- CELLS & BATTERIES	Secondary cell and batteries containing alkaline and other non-acid electrolyte- Secondary lithium cells and batteries for portable applications	Endurance in cycles	IS 16047-3; IEC 61960-3
1660	ELECTRICAL- CELLS & BATTERIES	Secondary cell and batteries containing alkaline and other non-acid electrolyte- Secondary lithium cells and batteries for portable applications	Examples of cells	IS 16047-3; IEC 61960-3
1661	ELECTRICAL- CELLS & BATTERIES	Secondary cell and batteries containing alkaline and other non-acid electrolyte- Secondary lithium cells and batteries for portable applications	Parameter measurement tolerances	IS 16047-3; IEC 61960-3
1662	ELECTRICAL- CELLS & BATTERIES	Secondary cell and batteries containing alkaline and other non-acid electrolyte- Secondary lithium cells and batteries for portable applications	Test protocol and conditions for type approval	IS 16047-3; IEC 61960-3
1663	ELECTRICAL- CELLS & BATTERIES	Secondary cells an batteries Containing alkaline or other Non-acid electrolyte- Safety requirements for secondary lithium cells and batteries, for use in Industrial applications	Charging procedures for test purposes	IS 16805; IEC 62619
1664	ELECTRICAL- CELLS & BATTERIES	Secondary cells an batteries Containing alkaline or other Non-acid electrolyte- Safety requirements for secondary lithium cells and batteries, for use in Industrial applications	Considerations for internal short-circuit	IS 16805; IEC 62619
1665	ELECTRICAL- CELLS & BATTERIES	Secondary cells an batteries Containing alkaline or other Non-acid electrolyte- Safety requirements for secondary lithium cells and batteries, for use in Industrial applications	Drop test (cell or cell block, and battery system)	IS 16805; IEC 62619
1666	ELECTRICAL- CELLS & BATTERIES	Secondary cells an batteries Containing alkaline or other Non-acid electrolyte- Safety requirements for secondary lithium cells and batteries, for use in Industrial applications	External short-circuit test (cell or cell block)	IS 16805; IEC 62619
1667	ELECTRICAL- CELLS & BATTERIES	Secondary cells an batteries Containing alkaline or other Non-acid electrolyte- Safety requirements for secondary lithium cells and batteries, for use in Industrial applications	Forced discharge test (cell or cell block)	IS 16805; IEC 62619



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1668	ELECTRICAL- CELLS & BATTERIES	Secondary cells an batteries Containing alkaline or other Non-acid electrolyte- Safety requirements for secondary lithium cells and batteries, for use in Industrial applications	General safety considerations	IS 16805; IEC 62619
1669	ELECTRICAL- CELLS & BATTERIES	Secondary cells an batteries Containing alkaline or other Non-acid electrolyte- Safety requirements for secondary lithium cells and batteries, for use in Industrial applications	Impact test (cell or cell block)	IS 16805; IEC 62619
1670	ELECTRICAL- CELLS & BATTERIES	Secondary cells an batteries Containing alkaline or other Non-acid electrolyte- Safety requirements for secondary lithium cells and batteries, for use in Industrial applications	Information for safety	IS 16805; IEC 62619
1671	ELECTRICAL- CELLS & BATTERIES	Secondary cells an batteries Containing alkaline or other Non-acid electrolyte- Safety requirements for secondary lithium cells and batteries, for use in Industrial applications	Marking and designation	IS 16805; IEC 62619
1672	ELECTRICAL- CELLS & BATTERIES	Secondary cells an batteries Containing alkaline or other Non-acid electrolyte- Safety requirements for secondary lithium cells and batteries, for use in Industrial applications	Overcharge test (cell or cell block)	IS 16805; IEC 62619
1673	ELECTRICAL- CELLS & BATTERIES	Secondary cells an batteries Containing alkaline or other Non-acid electrolyte- Safety requirements for secondary lithium cells and batteries, for use in Industrial applications	Parameter measurement tolerances	IS 16805; IEC 62619
1674	ELECTRICAL- CELLS & BATTERIES	Secondary cells an batteries Containing alkaline or other Non-acid electrolyte- Safety requirements for secondary lithium cells and batteries, for use in Industrial applications	Thermal abuse test (cell or cell block)	IS 16805; IEC 62619
1675	ELECTRICAL- CELLS & BATTERIES	Secondary cells an batteries Containing alkaline or other Non-acid electrolyte- Safety requirements for secondary lithium cells and batteries, for use in Industrial applications	Type test and sample size	IS 16805; IEC 62619
1676	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Secondary Lithium Cells and Batteries for Use in Industrial Applications	Cell and battery internal resistance	IS 16822; IEC 62620
1677	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Secondary Lithium Cells and Batteries for Use in Industrial Applications	Charge (capacity) retention and recovery	IS 16822; IEC 62620
1678	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Secondary Lithium Cells and Batteries for Use in Industrial Applications	Charging procedure for test purposes	IS 16822; IEC 62620
1679	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Secondary Lithium Cells and Batteries for Use in Industrial Applications	Discharge performance at +25 °C	IS 16822; IEC 62620
1680	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Secondary Lithium Cells and Batteries for Use in Industrial Applications	Discharge performance at low temperature	IS 16822; IEC 62620
1681	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Secondary Lithium Cells and Batteries for Use in Industrial Applications	Endurance in cycles	IS 16822; IEC 62620



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1682	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Secondary Lithium Cells and Batteries for Use in Industrial Applications	Endurance in storage at constant voltage (permanent charge life)	IS 16822; IEC 62620
1683	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Secondary Lithium Cells and Batteries for Use in Industrial Applications	General	IS 16822; IEC 62620
1684	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Secondary Lithium Cells and Batteries for Use in Industrial Applications	High rate permissible current	IS 16822; IEC 62620
1685	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Secondary Lithium Cells and Batteries for Use in Industrial Applications	Marking and designation	IS 16822; IEC 62620
1686	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Secondary Lithium Cells and Batteries for Use in Industrial Applications	Parameters measurement tolerances	IS 16822; IEC 62620
1687	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Secondary Lithium Cells and Batteries for Use in Industrial Applications	Type test conditions	IS 16822; IEC 62620
1688	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Parameter measurement tolerances	IS 16046-1; IEC 62133-1
1689	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Case stress at high temperature	IS 16046-1; IEC 62133-1
1690	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Charging procedure for test purpose	IS 16046-1; IEC 62133-1
1691	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Continuous Low rate charging	IS 16046-1; IEC 62133-1
1692	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Crushing of cell	IS 16046-1; IEC 62133-1
1693	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	External short circuit	IS 16046-1; IEC 62133-1



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1694	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Forced discharge	IS 16046-1; IEC 62133-1
1695	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Free Fall	IS 16046-1; IEC 62133-1
1696	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	General safety considerations	IS 16046-1; IEC 62133-1
1697	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Incorrect installation	IS 16046-1; IEC 62133-1
1698	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Information for safety	IS 16046-1; IEC 62133-1
1699	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Low pressure	IS 16046-1; IEC 62133-1
1700	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Marking	IS 16046-1; IEC 62133-1
1701	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Mechanical shock	IS 16046-1; IEC 62133-1
1702	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Overcharge	IS 16046-1; IEC 62133-1
1703	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Packing	IS 16046-1; IEC 62133-1
1704	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Temperature cycling	IS 16046-1; IEC 62133-1



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1705	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Thermal abuse	IS 16046-1; IEC 62133-1
1706	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Type test and sample size	IS 16046-1; IEC 62133-1
1707	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 1 Nickel Systems	Vibration	IS 16046-1; IEC 62133-1
1708	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Case stress at high ambient temperature (battery)	IS 16046-2; IEC 62133-2
1709	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Charging procedure for test purpose	IS 16046-2; IEC 62133-2
1710	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Continuous charging at constant voltage (cells)	IS 16046-2; IEC 62133-2
1711	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Crush (cells)	IS 16046-2; IEC 62133-2
1712	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	External short circuit (battery)	IS 16046-2; IEC 62133-2
1713	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	External short circuit (cell)	IS 16046-2; IEC 62133-2
1714	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Forced discharge (cells)	IS 16046-2; IEC 62133-2
1715	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Forced internal short-circuit (cells)	IS 16046-2; IEC 62133-2



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1716	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Free Fall	IS 16046-2; IEC 62133-2
1717	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	General safety considerations	IS 16046-2; IEC 62133-2
1718	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Information for safety	IS 16046-2; IEC 62133-2
1719	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Marking	IS 16046-2; IEC 62133-2
1720	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Mechanical shock	IS 16046-2; IEC 62133-2
1721	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Overcharging of battery	IS 16046-2; IEC 62133-2
1722	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Packing	IS 16046-2; IEC 62133-2
1723	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Parameter measurement tolerances	IS 16046-2; IEC 62133-2
1724	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Thermal abuse (cells)	IS 16046-2; IEC 62133-2
1725	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Type test and sample size	IS 16046-2; IEC 62133-2
1726	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes — Safety Requirements for Portable Sealed Secondary Cells and for Batteries Made from Them for Use in Portable Applications Part 2 Lithium Systems	Vibration	IS 16046-2; IEC 62133-2



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1727	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Capacity test	IEC 61427-1
1728	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Capacity test	IS 16270
1729	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Charge retention	IEC 61427-1
1730	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Charge retention	IS 16270
1731	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Condition of use	IEC 61427-1
1732	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Condition of use	IS 16270
1733	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Cyclic endurance in photovoltaic applications	IEC 61427-1
1734	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Cyclic endurance in photovoltaic applications	IS 16270
1735	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Endurance test	IS 16270
1736	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Functional characteristic	IEC 61427-1
1737	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Functional characteristic	IS 16270
1738	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	General Requirement	IEC 61427-1
1739	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	General Requirement	IS 16270
1740	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	General test condition	IEC 61427-1
1741	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	General test condition	IS 16270
1742	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Generic cycling Endurance test	IEC 61427-1
1743	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Non spillability/Semi non spillability/Splash proof test	IS 16270
1744	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Recommended use of test	IEC 61427-1
1745	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Recommended use of test	IS 16270



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1746	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Sulphation test	IS 16270
1747	ELECTRICAL- CELLS & BATTERIES	Secondary Cells and Batteries for Solar Photovoltaic Application	Water loss test	IS 16270
1748	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle	Capacity	IS: 16893-1; IEC 62660-1
1749	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle	Cycle life test	IS: 16893-1; IEC 62660-1
1750	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle	Dimension measurement	IS: 16893-1; IEC 62660-1
1751	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle	Energy	IS: 16893-1; IEC 62660-1
1752	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle	Energy efficiency test	IS: 16893-1; IEC 62660-1
1753	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle	General charge conditions	IS: 16893-1; IEC 62660-1
1754	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle	Mass measurement	IS: 16893-1; IEC 62660-1
1755	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle	Power	IS: 16893-1; IEC 62660-1
1756	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle	SOC adjustment	IS: 16893-1; IEC 62660-1
1757	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle	Storage test	IS: 16893-1; IEC 62660-1
1758	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle	Test condition	IS: 16893-1; IEC 62660-1
1759	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 2 Reliability and Abuse Testing	Capacity	IS 16893-2; IEC 62660-2
1760	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 2 Reliability and Abuse Testing	Description of test results	IS 16893-2; IEC 62660-2
1761	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 2 Reliability and Abuse Testing	Electrical test - External short circuit	IS 16893-2; IEC 62660-2
1762	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 2 Reliability and Abuse Testing	Electrical test - Forced discharge	IS 16893-2; IEC 62660-2
1763	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 2 Reliability and Abuse Testing	Electrical test - Overcharge	IS 16893-2; IEC 62660-2
1764	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 2 Reliability and Abuse Testing	General charge conditions	IS 16893-2; IEC 62660-2



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<b>Laboratory Name :</b>	ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA		
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1765	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 2 Reliability and Abuse Testing	Reliability and abuse tests - Mechanical shock	IS 16893-2; IEC 62660-2
1766	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 2 Reliability and Abuse Testing	SOC adjustment	IS 16893-2; IEC 62660-2
1767	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 2 Reliability and Abuse Testing	Test condition	IS 16893-2; IEC 62660-2
1768	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 2 Reliability and Abuse Testing	Thermal test - High temperature endurance	IS 16893-2; IEC 62660-2
1769	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 2 Reliability and Abuse Testing	Thermal test - Temperature cycling	IS 16893-2; IEC 62660-2
1770	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 3 Safety requirements	Capacity	IS 16893-3; IEC 62660-3
1771	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 3 Safety requirements	Electrical test - External short circuit	IS 16893-3; IEC 62660-3
1772	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 3 Safety requirements	Electrical test - Forced discharge	IS 16893-3; IEC 62660-3
1773	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 3 Safety requirements	Electrical test - Internal short-circuit	IS 16893-3; IEC 62660-3
1774	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 3 Safety requirements	Electrical test - Overcharge	IS 16893-3; IEC 62660-3
1775	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 3 Safety requirements	General charge conditions	IS 16893-3; IEC 62660-3
1776	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 3 Safety requirements	Mechanical test - Mechanical shock	IS 16893-3; IEC 62660-3
1777	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 3 Safety requirements	SOC adjustment	IS 16893-3; IEC 62660-3
1778	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 3 Safety requirements	Test condition	IS 16893-3; IEC 62660-3
1779	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 3 Safety requirements	Thermal test - High temperature endurance	IS 16893-3; IEC 62660-3
1780	ELECTRICAL- CELLS & BATTERIES	Secondary Lithium-ion cells for the propulsion of electric road vehicle, Part 3 Safety requirements	Thermal test - Temperature cycling	IS 16893-3; IEC 62660-3
1781	ELECTRICAL- CELLS & BATTERIES	Stationary cell and batteries lead acid type (tubular positive plate)	Ampere-hour and watt-hour efficiency tests	IS 1651
1782	ELECTRICAL- CELLS & BATTERIES	Stationary cell and batteries lead acid type (tubular positive plate)	Checking of marking	IS 1651
1783	ELECTRICAL- CELLS & BATTERIES	Stationary cell and batteries lead acid type (tubular positive plate)	Endurance test	IS 1651



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1784	ELECTRICAL- CELLS & BATTERIES	Stationary cell and batteries lead acid type (tubular positive plate)	Short-circuit current and internal resistance test	IS 1651
1785	ELECTRICAL- CELLS & BATTERIES	Stationary cell and batteries lead acid type (tubular positive plate)	Test for Capacity - Test for voltage during discharge	IS 1651
1786	ELECTRICAL- CELLS & BATTERIES	Stationary cell and batteries lead acid type (tubular positive plate)	Test for loss of capacity on storage	IS 1651
1787	ELECTRICAL- CELLS & BATTERIES	Stationary cell and batteries lead acid type (tubular positive plate)	Test for suitability for floating battery operation	IS 1651
1788	ELECTRICAL- CELLS & BATTERIES	Stationary cell and batteries lead acid type (tubular positive plate)	Verification of Constructional requirement	IS 1651
1789	ELECTRICAL- CELLS & BATTERIES	Stationary cell and batteries lead acid type (tubular positive plate)	Verification of Dimensions	IS 1651
1790	ELECTRICAL- CELLS & BATTERIES	Stationary cell and batteries lead acid type (tubular positive plate)	Water loss test	IS 1651
1791	ELECTRICAL- CELLS & BATTERIES	Stationary cells and batteries, lead acid type with plante positive plates	Ampere-hour and watt-hour efficiency tests	IS 1652
1792	ELECTRICAL- CELLS & BATTERIES	Stationary cells and batteries, lead acid type with plante positive plates	Endurance test	IS 1652
1793	ELECTRICAL- CELLS & BATTERIES	Stationary cells and batteries, lead acid type with plante positive plates	Internal resistance and short circuit test	IS 1652
1794	ELECTRICAL- CELLS & BATTERIES	Stationary cells and batteries, lead acid type with plante positive plates	Loss of water test	IS 1652
1795	ELECTRICAL- CELLS & BATTERIES	Stationary cells and batteries, lead acid type with plante positive plates	Test for Capacity - Test for voltage during discharge	IS 1652
1796	ELECTRICAL- CELLS & BATTERIES	Stationary cells and batteries, lead acid type with plante positive plates	Test for loss of capacity on storage	IS 1652
1797	ELECTRICAL- CELLS & BATTERIES	Stationary cells and batteries, lead acid type with plante positive plates	Test for suitability for floating battery operation	IS 1652
1798	ELECTRICAL- CELLS & BATTERIES	Stationary cells and batteries, lead acid type with plante positive plates	Verification of Constructional requirement	IS 1652
1799	ELECTRICAL- CELLS & BATTERIES	Stationary cells and batteries, lead acid type with plante positive plates	Verification of Dimensions	IS 1652
1800	ELECTRICAL- CELLS & BATTERIES	Stationary cells and batteries, lead acid type with plante positive plates	Verification of Marking	IS 1652
1801	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batterie - Valve regulated types	Charge retention during storage	IEC 60896-21
1802	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batterie - Valve regulated types	Charge retention during storage	IEC 60896-22



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1803	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batterie - Valve regulated types	Discharge capacity	IEC 60896-21
1804	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batterie - Valve regulated types	Discharge capacity	IEC 60896-22
1805	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batterie - Valve regulated types	Float service with daily discharges	IEC 60896-21
1806	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batterie - Valve regulated types	Float service with daily discharges	IEC 60896-22
1807	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batterie - Valve regulated types	Recharge behaviour	IEC 60896-21
1808	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batterie - Valve regulated types	Recharge behaviour	IEC 60896-22
1809	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batterie - Valve regulated types	Short circuit test and d,c internal resistance	IEC 60896-21
1810	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batterie - Valve regulated types	Short circuit test and d,c internal resistance	IEC 60896-22
1811	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batteries -Vented type	Cell and battery marking	IEC 60896-11
1812	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batteries -Vented type	Charge retention test	IEC 60896-11
1813	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batteries -Vented type	Endurance test in discharge-charge cycles	IEC 60896-11
1814	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batteries -Vented type	Endurance test in overcharge	IEC 60896-11
1815	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batteries -Vented type	Marking of Polarity	IEC 60896-11
1816	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batteries -Vented type	Short-circuit current and internal resistance determination	IEC 60896-11
1817	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batteries -Vented type	Test for Capacity	IEC 60896-11
1818	ELECTRICAL- CELLS & BATTERIES	Stationary lead acid batteries -Vented type	Test of suitability for floating battery operation	IEC 60896-11
1819	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries (with tubular positive plates) in Monobloc container	Ampere-hour and watt-hour efficiency tests	IS 13369
1820	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries (with tubular positive plates) in Monobloc container	Endurance test	IS 13369



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1821	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries (with tubular positive plates) in Monobloc container	Equilibrium float current test	IS 13369
1822	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries (with tubular positive plates) in Monobloc container	Loss of capacity on storage	IS 13369
1823	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries (with tubular positive plates) in Monobloc container	Test for Capacity	IS 13369
1824	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries (with tubular positive plates) in Monobloc container	Verification of Constructional requirement	IS 13369
1825	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries (with tubular positive plates) in Monobloc container	Verification of Marking and Packing	IS 13369
1826	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries (with tubular positive plates) in Monobloc container	Verification of the Dimensions	IS 13369
1827	ELECTRICAL- CELLS & BATTERIES	Stationary lead-acid batteries (with tubular positive plates) in Monobloc container	Water loss test	IS 13369
1828	ELECTRICAL- CELLS & BATTERIES	Stationary Valve regulated lead acid batteries	Ampere-hour and watt-hour efficiency tests	IS 15549
1829	ELECTRICAL- CELLS & BATTERIES	Stationary Valve regulated lead acid batteries	Checking of dimension as per manufacturer's drawing	IS 15549
1830	ELECTRICAL- CELLS & BATTERIES	Stationary Valve regulated lead acid batteries	Endurance test	IS 15549
1831	ELECTRICAL- CELLS & BATTERIES	Stationary Valve regulated lead acid batteries	Test for C1 Capacity and voltage during discharge	IS 15549
1832	ELECTRICAL- CELLS & BATTERIES	Stationary Valve regulated lead acid batteries	Test for C10 Capacity and voltage during discharge	IS 15549
1833	ELECTRICAL- CELLS & BATTERIES	Stationary Valve regulated lead acid batteries	Test for retention of charge	IS 15549
1834	ELECTRICAL- CELLS & BATTERIES	Stationary Valve regulated lead acid batteries	Visual examination (Material and construction and marking on cell)	IS 15549
1835	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Marking	IS 10918
1836	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Air Pressure test	IS 10918
1837	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Ampere-hour capacity	IS 10918
1838	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Cranking ability	IS 10918



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1839	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Dielectric	IS 10918
1840	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Dimensions, mass and layout	IS 10918
1841	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Discharge performance at low temperature	IS 10918
1842	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Endurance test	IS 10918
1843	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Environmental tests	IS 10918
1844	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	High temperature float charge	IS 10918
1845	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Insulation Resistance	IS 10918
1846	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Life cycle test	IS 10918
1847	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Materials and construction/ Physical examination	IS 10918
1848	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Polarity and absence of short circuit	IS 10918
1849	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Retention of charge	IS 10918
1850	ELECTRICAL- CELLS & BATTERIES	Vented type Nickel cadmium batteries	Storage	IS 10918
1851	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aluminium & Alloys Conductors, Rods, strips	Chemical Analysis for Aluminum, Vanadium, Chromium, Titanium, Tin, Lead, Zinc, Manganese, Iron, Silicon, Magnesium, Zirconium, Bismuth, Nickel	IS: 5082
1852	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Armour rods, binding wires & tapes for conductors	Resistance	IS 2121(Part 1)
1853	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Breakdown voltage test	IEC 60317 Part 44
1854	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Continuity of insulation test	IEC 60317 Part 44



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1855	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Cut through test	IEC 60317 Part 44
1856	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Dimensions	IEC 60317 Part 44
1857	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Electrical resistance	IEC 60317 Part 44
1858	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Elongation	IEC 60317 Part 44
1859	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Flexibility and Adherence test	IEC 60317 Part 44
1860	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Heat shock test	IEC 60317 Part 44
1861	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Resistance to abrasion test	IEC 60317 Part 44
1862	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Resistance to hydrolysis and to transformer oil	IEC 60317 Part 44
1863	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Resistance to refrigerants	IEC 60317 Part 44
1864	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Resistance to solvents	IEC 60317 Part 44
1865	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Solderability test	IEC 60317 Part 44
1866	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Springiness	IEC 60317 Part 44
1867	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide tape wrapped rectangular copper wire	Temperature index test, Thermal endurance test	IEC 60317 Part 44
1868	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Breakdown voltage test	IEC 60317 Part 43



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1869	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Continuity of insulation test	IEC 60317 Part 43
1870	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Cut through test	IEC 60317 Part 43
1871	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Dimensions	IEC 60317 Part 43
1872	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Electrical resistance	IEC 60317 Part 43
1873	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Elongation	IEC 60317 Part 43
1874	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Flexibility and Adherence test	IEC 60317 Part 43
1875	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Heat shock test	IEC 60317 Part 43
1876	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Resistance to abrasion test	IEC 60317 Part 43
1877	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Resistance to hydrolysis and to transformer oil	IEC 60317 Part 43
1878	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Resistance to refrigerants	IEC 60317 Part 43
1879	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Resistance to solvents	IEC 60317 Part 43
1880	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Solderability test	IEC 60317 Part 43
1881	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Springiness	IEC 60317 Part 43
1882	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Aromatic polyimide type wrapped round copper wire	Temperature index test, Thermal endurance test	IEC 60317 Part 43



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1883	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Conductors, Rods strips etc.	Chemical Analysis	IS 191
1884	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Conductors, Rods strips etc.	Chemical Analysis	IS 440
1885	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Conductors, Rods strips etc.	Chemical Analysis	IS 440 (Withdrawn)
1886	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Copper Rod for Electrical Purposes	Electrical Conductivity test at 20 °C	ASTM B 49
1887	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Copper Rod for Electrical Purposes	Electrical Resistivity test at 20 °C	ASTM B 49
1888	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	COPPER RODS AND BARS FOR ELECTRICAL PURPOSES	Electrical Conductivity test at 20 °C	IS 613
1889	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	COPPER RODS AND BARS FOR ELECTRICAL PURPOSES	Electrical Resistivity test at 20 °C	IS 613
1890	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Copper strips	Electrical Conductivity test at 20 °C	IS 1897
1891	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Copper strips	Electrical Resistivity test at 20 °C	IS 1897
1892	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	EC grade Aluminum rod	Resistance test	IS 5484
1893	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	EC grade Aluminum rod	Resistance test	IS 9997
1894	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Electrical Conductor Materials1	Electrical Conductivity test at 20 °C	ASTM B 193
1895	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Electrical Conductor Materials1	Electrical Resistivity test at 20 °C	ASTM B 193
1896	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	GALVANIZED STRAND FOR EARTHING	D.C. Resistance test at 20 °C	IS 12776



# National Accreditation Board for Testing and Calibration Laboratories

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**Certificate Number** TC-5389

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1897	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Breakdown voltage test	IEC 60317 : Part 0 : Sec 6
1898	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Continuity of insulation test	IEC 60317 : Part 0 : Sec 6
1899	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Cut through test	IEC 60317 : Part 0 : Sec 6
1900	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Dimensions	IEC 60317 : Part 0 : Sec 6
1901	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Electrical resistance	IEC 60317 : Part 0 : Sec 6
1902	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Elongation	IEC 60317 : Part 0 : Sec 6
1903	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Flexibility and Adherence test	IEC 60317 : Part 0 : Sec 6
1904	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Heat shock test	IEC 60317 : Part 0 : Sec 6
1905	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Resistance to abrasion test	IEC 60317 : Part 0 : Sec 6
1906	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Resistance to hydrolysis and to transformer oil	IEC 60317 : Part 0 : Sec 6
1907	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Resistance to refrigerants	IEC 60317 : Part 0 : Sec 6
1908	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Resistance to solvents	IEC 60317 : Part 0 : Sec 6
1909	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Solderability test	IEC 60317 : Part 0 : Sec 6
1910	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Springiness	IEC 60317 : Part 0 : Sec 6



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1911	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire	Temperature index test, Thermal endurance test	IEC 60317 : Part 0 : Sec 6
1912	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Breakdown voltage test	IS 13730 : Part 0 : Sec 5
1913	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Continuity of insulation test	IS 13730 : Part 0 : Sec 5
1914	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Cut through test	IS 13730 : Part 0 : Sec 5
1915	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Dimensions	IS 13730 : Part 0 : Sec 5
1916	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Electrical resistance	IS 13730 : Part 0 : Sec 5
1917	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Elongation	IS 13730 : Part 0 : Sec 5
1918	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Flexibility and Adherence test	IS 13730 : Part 0 : Sec 5
1919	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Heat shock test	IS 13730 : Part 0 : Sec 5
1920	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Resistance to abrasion test	IS 13730 : Part 0 : Sec 5
1921	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Resistance to hydrolysis and to transformer oil	IS 13730 : Part 0 : Sec 5
1922	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Resistance to refrigerants	IS 13730 : Part 0 : Sec 5
1923	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Resistance to solvents	IS 13730 : Part 0 : Sec 5
1924	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Solderability test	IS 13730 : Part 0 : Sec 5



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1925	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Springiness	IS 13730 : Part 0 : Sec 5
1926	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements - Section 5 : Glass-Fibre Braided Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Temperature index test, Thermal endurance test	IS 13730 : Part 0 : Sec 5
1927	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Resistance to abrasion test	Resistance to abrasion test
1928	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Temperature index test, Thermal endurance test	IS 13730 : Part 0 : Sec 1
1929	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Breakdown voltage test	IEC 60317 : Part 0 : Sec 1
1930	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Breakdown voltage test	IS 13730 : Part 0 : Sec 1
1931	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Continuity of insulation test	IEC 60317 : Part 0 : Sec 1
1932	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Continuity of insulation test	IS 13730 : Part 0 : Sec 1
1933	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Cut through test	IEC 60317 : Part 0 : Sec 1
1934	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Cut through test	IS 13730 : Part 0 : Sec 1
1935	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Dimensions	IEC 60317 : Part 0 : Sec 1
1936	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Dimensions	IS 13730 : Part 0 : Sec 1
1937	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Electrical resistance	IEC 60317 : Part 0 : Sec 1
1938	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Electrical resistance	IS 13730 : Part 0 : Sec 1



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1939	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Elongation	IEC 60317 : Part 0 : Sec 1
1940	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Elongation	IS 13730 : Part 0 : Sec 1
1941	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Flexibility and Adherence test	IEC 60317 : Part 0 : Sec 1
1942	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Flexibility and Adherence test	IS 13730 : Part 0 : Sec 1
1943	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Heat shock test	IEC 60317 : Part 0 : Sec 1
1944	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Heat shock test	IS 13730 : Part 0 : Sec 1
1945	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Resistance to abrasion test	IS 13730 : Part 0 : Sec 1
1946	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Resistance to hydrolysis and to transformer oil	IEC 60317 : Part 0 : Sec 1
1947	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Resistance to hydrolysis and to transformer oil	IS 13730 : Part 0 : Sec 1
1948	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Resistance to refrigerants	IEC 60317 : Part 0 : Sec 1
1949	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Resistance to refrigerants	IS 13730 : Part 0 : Sec 1
1950	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Resistance to solvents	IEC 60317 : Part 0 : Sec 1
1951	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Resistance to solvents	IS 13730 : Part 0 : Sec 1
1952	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Solderability test	IEC 60317 : Part 0 : Sec 1



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1953	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Solderability test	IS 13730 : Part 0 : Sec 1
1954	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Springiness	IEC 60317 : Part 0 : Sec 1
1955	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Springiness	IS 13730 : Part 0 : Sec 1
1956	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 1 Enamelled round copper wire	Temperature index test, Thermal endurance test	IEC 60317 : Part 0 : Sec 1
1957	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Breakdown voltage test	IEC 60317 : Part 0 : Sec 2
1958	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Breakdown voltage test	IS 13730 : Part 0 : Sec 2
1959	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Continuity of insulation test	IEC 60317 : Part 0 : Sec 2
1960	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Continuity of insulation test	IS 13730 : Part 0 : Sec 2
1961	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Cut through test	IEC 60317 : Part 0 : Sec 2
1962	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Cut through test	IS 13730 : Part 0 : Sec 2
1963	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Dimensions	IEC 60317 : Part 0 : Sec 2
1964	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Dimensions	IS 13730 : Part 0 : Sec 2
1965	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Electrical resistance	IEC 60317 : Part 0 : Sec 2
1966	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Electrical resistance	IS 13730 : Part 0 : Sec 2



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1967	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Elongation	IEC 60317 : Part 0 : Sec 2
1968	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Elongation	IS 13730 : Part 0 : Sec 2
1969	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Flexibility and Adherence test	IEC 60317 : Part 0 : Sec 2
1970	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Flexibility and Adherence test	IS 13730 : Part 0 : Sec 2
1971	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Heat shock test	IEC 60317 : Part 0 : Sec 2
1972	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Heat shock test	IS 13730 : Part 0 : Sec 2
1973	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Resistance to abrasion test	IEC 60317 : Part 0 : Sec 2
1974	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Resistance to abrasion test	IS 13730 : Part 0 : Sec 2
1975	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Resistance to hydrolysis and to transformer oil	IEC 60317 : Part 0 : Sec 2
1976	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Resistance to hydrolysis and to transformer oil	IS 13730 : Part 0 : Sec 2
1977	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Resistance to refrigerants	IEC 60317 : Part 0 : Sec 2
1978	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Resistance to refrigerants	IS 13730 : Part 0 : Sec 2
1979	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Resistance to solvents	IEC 60317 : Part 0 : Sec 2
1980	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Resistance to solvents	IS 13730 : Part 0 : Sec 2



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1981	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Solderability test	IEC 60317 : Part 0 : Sec 2
1982	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Solderability test	IS 13730 : Part 0 : Sec 2
1983	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Springiness	IEC 60317 : Part 0 : Sec 2
1984	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Springiness	IS 13730 : Part 0 : Sec 2
1985	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Temperature index test, Thermal endurance test	IEC 60317 : Part 0 : Sec 2
1986	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 2 Enamelled rectangular copper wire	Temperature index test, Thermal endurance test	IS 13730 : Part 0 : Sec 2
1987	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Breakdown voltage test	IEC 60317 : Part 0 : Sec 3
1988	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Breakdown voltage test	IS 13730 : Part 0 : Sec 3
1989	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Continuity of insulation test	IEC 60317 : Part 0 : Sec 3
1990	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Continuity of insulation test	IS 13730 : Part 0 : Sec 3
1991	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Cut through test	IEC 60317 : Part 0 : Sec 3
1992	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Cut through test	IS 13730 : Part 0 : Sec 3
1993	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Dimensions	IEC 60317 : Part 0 : Sec 3
1994	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Dimensions	IS 13730 : Part 0 : Sec 3



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1995	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Electrical resistance	IEC 60317 : Part 0 : Sec 3
1996	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Electrical resistance	IS 13730 : Part 0 : Sec 3
1997	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Elongation	IEC 60317 : Part 0 : Sec 3
1998	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Elongation	IS 13730 : Part 0 : Sec 3
1999	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Flexibility and Adherence test	IEC 60317 : Part 0 : Sec 3
2000	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Flexibility and Adherence test	IS 13730 : Part 0 : Sec 3
2001	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Heat shock test	IEC 60317 : Part 0 : Sec 3
2002	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Heat shock test	IS 13730 : Part 0 : Sec 3
2003	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Resistance to abrasion test	IEC 60317 : Part 0 : Sec 3
2004	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Resistance to abrasion test	IS 13730 : Part 0 : Sec 3
2005	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Resistance to hydrolysis and to transformer oil	IEC 60317 : Part 0 : Sec 3
2006	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Resistance to hydrolysis and to transformer oil	IS 13730 : Part 0 : Sec 3
2007	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Resistance to refrigerants	IEC 60317 : Part 0 : Sec 3
2008	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Resistance to refrigerants	IS 13730 : Part 0 : Sec 3



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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2009	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Resistance to solvents	IEC 60317 : Part 0 : Sec 3
2010	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Resistance to solvents	IS 13730 : Part 0 : Sec 3
2011	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Solderability test	IEC 60317 : Part 0 : Sec 3
2012	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Solderability test	IS 13730 : Part 0 : Sec 3
2013	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Springiness	IEC 60317 : Part 0 : Sec 3
2014	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Springiness	IS 13730 : Part 0 : Sec 3
2015	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Temperature index test, Thermal endurance test	IEC 60317 : Part 0 : Sec 3
2016	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 3 Enamelled Round Aluminium Wire	Temperature index test, Thermal endurance test	IS 13730 : Part 0 : Sec 3
2017	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Dimensions	IEC 60317 : Part 0 : Sec 4
2018	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Breakdown voltage test	IEC 60317 : Part 0 : Sec 4
2019	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Breakdown voltage test	IS 13730 : Part 0 : Sec 4
2020	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Continuity of insulation test	IEC 60317 : Part 0 : Sec 4
2021	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Continuity of insulation test	IS 13730 : Part 0 : Sec 4
2022	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Cut through test	IEC 60317 : Part 0 : Sec 4



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2023	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Cut through test	IS 13730 : Part 0 : Sec 4
2024	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Dimensions	IS 13730 : Part 0 : Sec 4
2025	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Electrical resistance	IEC 60317 : Part 0 : Sec 4
2026	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Electrical resistance	IS 13730 : Part 0 : Sec 4
2027	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Elongation	IEC 60317 : Part 0 : Sec 4
2028	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Elongation	IS 13730 : Part 0 : Sec 4
2029	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Flexibility and Adherence test	IEC 60317 : Part 0 : Sec 4
2030	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Flexibility and Adherence test	IS 13730 : Part 0 : Sec 4
2031	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Heat shock test	IEC 60317 : Part 0 : Sec 4
2032	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Heat shock test	IS 13730 : Part 0 : Sec 4
2033	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Resistance to abrasion test	IEC 60317 : Part 0 : Sec 4
2034	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Resistance to abrasion test	IS 13730 : Part 0 : Sec 4
2035	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Resistance to hydrolysis and to transformer oil	IEC 60317 : Part 0 : Sec 4
2036	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Resistance to hydrolysis and to transformer oil	IS 13730 : Part 0 : Sec 4



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2037	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Resistance to refrigerants	IEC 60317 : Part 0 : Sec 4
2038	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Resistance to refrigerants	IS 13730 : Part 0 : Sec 4
2039	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Resistance to solvents	IEC 60317 : Part 0 : Sec 4
2040	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Resistance to solvents	IS 13730 : Part 0 : Sec 4
2041	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Solderability test	IEC 60317 : Part 0 : Sec 4
2042	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Solderability test	IS 13730 : Part 0 : Sec 4
2043	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Springiness	IEC 60317 : Part 0 : Sec 4
2044	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Springiness	IS 13730 : Part 0 : Sec 4
2045	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Temperature index test, Thermal endurance test	IEC 60317 : Part 0 : Sec 4
2046	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	General Requirements Section 4 Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire	Temperature index test, Thermal endurance test	IS 13730 : Part 0 : Sec 4
2047	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Breakdown voltage test	IS 13730 Part 31
2048	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Continuity of insulation test	IS 13730 Part 31
2049	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Cut through test	IS 13730 Part 31
2050	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Dimensions	IS 13730 Part 31



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2051	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Electrical resistance	IS 13730 Part 31
2052	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Elongation	IS 13730 Part 31
2053	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Flexibility and Adherence test	IS 13730 Part 31
2054	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Heat shock test	IS 13730 Part 31
2055	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Resistance to abrasion test	IS 13730 Part 31
2056	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 31
2057	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Resistance to refrigerants	IS 13730 Part 31
2058	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Resistance to solvents	IS 13730 Part 31
2059	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Solderability test	IS 13730 Part 31
2060	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Springiness	IS 13730 Part 31
2061	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Temperature index test, Thermal endurance test	IS 13730 Part 31
2062	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Breakdown voltage test	IEC 60317 Part 50
2063	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Continuity of insulation test	IEC 60317 Part 50
2064	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Cut through test	IEC 60317 Part 50



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2065	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Dimensions	IEC 60317 Part 50
2066	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Electrical resistance	IEC 60317 Part 50
2067	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Elongation	IEC 60317 Part 50
2068	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Flexibility and Adherence test	IEC 60317 Part 50
2069	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Heat shock test	IEC 60317 Part 50
2070	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Resistance to abrasion test	IEC 60317 Part 50
2071	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Resistance to hydrolysis and to transformer oil	IEC 60317 Part 50
2072	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Resistance to refrigerants	IEC 60317 Part 50
2073	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Resistance to solvents	IEC 60317 Part 50
2074	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Solderability test	IEC 60317 Part 50
2075	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Springiness	IEC 60317 Part 50
2076	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire	Temperature index test, Thermal endurance test	IEC 60317 Part 50
2077	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Breakdown voltage test	IS 13730 Part 32
2078	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Continuity of insulation test	IS 13730 Part 32



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2079	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Cut through test	IS 13730 Part 32
2080	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Dimensions	IS 13730 Part 32
2081	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Electrical resistance	IS 13730 Part 32
2082	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Elongation	IS 13730 Part 32
2083	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Flexibility and Adherence test	IS 13730 Part 32
2084	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Heat shock test	IS 13730 Part 32
2085	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Resistance to abrasion test	IS 13730 Part 32
2086	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 32
2087	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Resistance to refrigerants	IS 13730 Part 32
2088	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Resistance to solvents	IS 13730 Part 32
2089	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Solderability test	IS 13730 Part 32
2090	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Springiness	IS 13730 Part 32
2091	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-Fibre Wound, Resin or Varnish Impregnated, Bare or Enamelled Rectangular Copper Wire	Temperature index test, Thermal endurance test	IS 13730 Part 32
2092	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Breakdown voltage test	IS 13730 Part 33



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2093	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Continuity of insulation test	IS 13730 Part 33
2094	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Cut through test	IS 13730 Part 33
2095	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Dimensions	IS 13730 Part 33
2096	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Electrical resistance	IS 13730 Part 33
2097	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Elongation	IS 13730 Part 33
2098	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Flexibility and Adherence test	IS 13730 Part 33
2099	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Heat shock test	IS 13730 Part 33
2100	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Resistance to abrasion test	IS 13730 Part 33
2101	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Resistance to hydrolysis and to transformer oil	IS 13730 Part 33
2102	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Resistance to refrigerants	IS 13730 Part 33
2103	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Resistance to solvents	IS 13730 Part 33
2104	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Solderability test	IS 13730 Part 33
2105	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Springiness	IS 13730 Part 33
2106	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Glass-fibre Wound, Silicone Varnish Treated Bare Or Enamelled Rectangular Copper Wire,	Temperature index test, Thermal endurance test	IS 13730 Part 33



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2107	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Electrical Resistivity	ASTM B941
2108	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Electrical Resistivity	IEC 62004
2109	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Measurement of Resistivity	IEC 60468
2110	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Resistance	SS 4240813
2111	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Resistance Test	ASTM B415
2112	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Resistance Test	ASTM B502
2113	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Resistivity	ASTM B609
2114	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Resistivity	ASTM B957
2115	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Resistivity	ASTM B958
2116	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Resistivity	SS 4240813
2117	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Resistivity test	IEC 61232
2118	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Resistivity test	IEC 60889
2119	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Optical Ground Wire (OPGW)	DC resistance test	IEEE 1138
2120	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Paper covered rectangular aluminium conductor	Arrangement of paper layers	IS 6162 Part-2



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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2121	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Paper covered rectangular aluminium conductor	Conductor Dimensions	IS 6162 Part-2
2122	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Paper covered rectangular aluminium conductor	Increase in dimension	IS 6162 Part-2
2123	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Paper covered rectangular aluminium conductor	Overall dimension	IS 6162 Part-2
2124	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Paper covered round aluminium conductor	Arrangement of paper layers	IS 6162 Part-1
2125	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Paper covered round aluminium conductor	Diameter	IS 6162 Part-1
2126	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Paper covered round aluminium conductor	Overall diameter and increase in diameter	IS 6162 Part-1
2127	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Paper covered round aluminium conductor	Resistance	IS 6162 Part-1
2128	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Paper covered round aluminium conductor	Tensile strength & Elongation	IS 6162 Part-1
2129	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Breakdown voltage test	IS 13730 Part 27
2130	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Continuity of insulation test	IS 13730 Part 27
2131	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Cut through test	IS 13730 Part 27
2132	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Dimensions	IS 13730 Part 27
2133	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Electrical resistance	IS 13730 Part 27
2134	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Elongation	IS 13730 Part 27



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2135	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Flexibility and Adherence test	IS 13730 Part 27
2136	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Heat shock test	IS 13730 Part 27
2137	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Resistance to abrasion test	IS 13730 Part 27
2138	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 27
2139	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Resistance to refrigerants	IS 13730 Part 27
2140	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Resistance to solvents	IS 13730 Part 27
2141	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Solderability test	IS 13730 Part 27
2142	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Springiness	IS 13730 Part 27
2143	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Paper Tape Covered Rectangular Copper Wire	Temperature index test, Thermal endurance test	IS 13730 Part 27
2144	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire	Elongation	IS 13730 Part 16
2145	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire,	Breakdown voltage test	IS 13730 Part 16
2146	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire,	Continuity of insulation test	IS 13730 Part 16
2147	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire,	Cut through test	IS 13730 Part 16
2148	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire,	Dimensions	IS 13730 Part 16



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2149	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire,	Electrical resistance	IS 13730 Part 16
2150	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire,	Flexibility and Adherence test	IS 13730 Part 16
2151	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire,	Heat shock test	IS 13730 Part 16
2152	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire,	Resistance to abrasion test	IS 13730 Part 16
2153	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire,	Resistance to hydrolysis and to transformer oil	IS 13730 Part 16
2154	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire,	Resistance to refrigerants	IS 13730 Part 16
2155	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire,	Resistance to solvents	IS 13730 Part 16
2156	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire,	Solderability test	IS 13730 Part 16
2157	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire,	Springiness	IS 13730 Part 16
2158	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester enamelled rectangular copper wire,	Temperature index test, Thermal endurance test	IS 13730 Part 16
2159	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Breakdown voltage test	IS 13730 Part 9
2160	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Continuity of insulation test	IS 13730 Part 9
2161	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Cut through test	IS 13730 Part 9
2162	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Dimensions	IS 13730 Part 9



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2163	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Electrical resistance	IS 13730 Part 9
2164	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Elongation	IS 13730 Part 9
2165	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Flexibility and Adherence test	IS 13730 Part 9
2166	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Heat shock test	IS 13730 Part 9
2167	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Resistance to abrasion test	IS 13730 Part 9
2168	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 9
2169	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Resistance to refrigerants	IS 13730 Part 9
2170	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Resistance to solvents	IS 13730 Part 9
2171	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Solderability test	IS 13730 Part 9
2172	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Springiness	IS 13730 Part 9
2173	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Aluminium Wire	Temperature index test, Thermal endurance test	IS 13730 Part 9
2174	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Breakdown voltage test	IEC 60317 Part 3
2175	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Breakdown voltage test	IS 13730 Part 3
2176	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Breakdown voltage test	IS 13730 Part 34



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2177	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Breakdown voltage test	IS 13730 Part 45
2178	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Continuity of insulation test	IEC 60317 Part 3
2179	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Continuity of insulation test	IS 13730 Part 3
2180	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Continuity of insulation test	IS 13730 Part 34
2181	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Continuity of insulation test	IS 13730 Part 45
2182	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Cut through test	IEC 60317 Part 3
2183	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Cut through test	IS 13730 Part 3
2184	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Cut through test	IS 13730 Part 34
2185	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Cut through test	IS 13730 Part 45
2186	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Dimensions	IEC 60317 Part 3
2187	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Dimensions	IS 13730 Part 3
2188	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Dimensions	IS 13730 Part 34
2189	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Dimensions	IS 13730 Part 45
2190	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Electrical resistance	IEC 60317 Part 3



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2191	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Electrical resistance	IS 13730 Part 3
2192	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Electrical resistance	IS 13730 Part 34
2193	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Electrical resistance	IS 13730 Part 45
2194	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Elongation	IEC 60317 Part 3
2195	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Elongation	IS 13730 Part 3
2196	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Elongation	IS 13730 Part 34
2197	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Elongation	IS 13730 Part 45
2198	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Flexibility and Adherence test	IEC 60317 Part 3
2199	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Flexibility and Adherence test	IS 13730 Part 3
2200	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Flexibility and Adherence test	IS 13730 Part 34
2201	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Flexibility and Adherence test	IS 13730 Part 45
2202	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Heat shock test	IS 13730 Part 3
2203	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Heat shock test	IEC 60317 Part 3
2204	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Heat shock test	IS 13730 Part 34



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2205	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Heat shock test	IS 13730 Part 45
2206	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to abrasion test	IEC 60317 Part 3
2207	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to abrasion test	IS 13730 Part 3
2208	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to abrasion test	IS 13730 Part 34
2209	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to abrasion test	IS 13730 Part 45
2210	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to hydrolysis and to transformer oil	IEC 60317 Part 3
2211	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 3
2212	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 34
2213	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 45
2214	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to refrigerants	IEC 60317 Part 3
2215	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to refrigerants	IS 13730 Part 3
2216	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to refrigerants	IS 13730 Part 34
2217	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to refrigerants	IS 13730 Part 45
2218	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to solvents	IEC 60317 Part 3



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2219	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to solvents	IS 13730 Part 3
2220	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to solvents	IS 13730 Part 34
2221	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Resistance to solvents	IS 13730 Part 45
2222	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Solderability test	IEC 60317 Part 3
2223	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Solderability test	IS 13730 Part 3
2224	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Solderability test	IS 13730 Part 34
2225	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Solderability test	IS 13730 Part 45
2226	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Springiness	IEC 60317 Part 3
2227	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Springiness	IS 13730 Part 3
2228	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Springiness	IS 13730 Part 34
2229	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Springiness	IS 13730 Part 45
2230	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Temperature index test, Thermal endurance test	IEC 60317 Part 3
2231	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Temperature index test, Thermal endurance test	IS 13730 Part 3
2232	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Temperature index test, Thermal endurance test	IS 13730 Part 34



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2233	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester Enamelled Round Copper Wire	Temperature index test, Thermal endurance test	IS 13730 Part 45
2234	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Breakdown voltage test	IS 13730 Part 29
2235	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Continuity of insulation test	IS 13730 Part 29
2236	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Cut through test	IS 13730 Part 29
2237	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Dimensions	IS 13730 Part 29
2238	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Electrical resistance	IS 13730 Part 29
2239	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Elongation	IS 13730 Part 29
2240	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Flexibility and Adherence test	IS 13730 Part 29
2241	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Heat shock test	IS 13730 Part 29
2242	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Resistance to abrasion test	IS 13730 Part 29
2243	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 29
2244	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Resistance to refrigerants	IS 13730 Part 29
2245	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Resistance to solvents	IS 13730 Part 29
2246	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Solderability test	IS 13730 Part 29



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

**Validity** 31/03/2022 to 30/03/2024

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2247	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Springiness	IS 13730 Part 29
2248	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Rectangular Copper Wire	Temperature index test, Thermal endurance test	IS 13730 Part 29
2249	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium	Springiness	IEC 60317 Part 25
2250	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Breakdown voltage test	IS 13730 Part 25
2251	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Continuity of insulation test	IS 13730 Part 25
2252	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire	Cut through test	IEC 60317 Part 25
2253	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Cut through test	IS 13730 Part 25
2254	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire	Dimensions	IEC 60317 Part 25
2255	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Dimensions	IS 13730 Part 25
2256	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Electrical resistance	IS 13730 Part 25
2257	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire	Elongation	IEC 60317 Part 25
2258	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Elongation	IS 13730 Part 25
2259	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire	Flexibility and Adherence test	IEC 60317 Part 25
2260	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Flexibility and Adherence test	IS 13730 Part 25



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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2261	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire	Heat shock test	IEC 60317 Part 25
2262	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Heat shock test	IS 13730 Part 25
2263	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire	Resistance to abrasion test	IEC 60317 Part 25
2264	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Resistance to abrasion test	IS 13730 Part 25
2265	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire	Resistance to hydrolysis and to transformer oil	IEC 60317 Part 25
2266	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 25
2267	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire	Resistance to refrigerants	IEC 60317 Part 25
2268	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Resistance to refrigerants	IS 13730 Part 25
2269	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire	Resistance to solvents	IEC 60317 Part 25
2270	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Resistance to solvents	IS 13730 Part 25
2271	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire	Solderability test	IEC 60317 Part 25
2272	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Solderability test	IS 13730 Part 25
2273	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Springiness	IS 13730 Part 25
2274	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or polyesterimide overcoated with polyamide-imide enamelled round aluminium wire	Temperature index test, Thermal endurance test	IEC 60317 Part 25



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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2275	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Aluminium Wire	Temperature index test, Thermal endurance test	IS 13730 Part 25
2276	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Copper Wire	Breakdown voltage test	IEC 60317 Part 13
2277	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Copper Wire	Breakdown voltage test	IS 13730 Part 13
2278	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Copper Wire	Continuity of insulation test	IEC 60317 Part 13
2279	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Copper Wire	Continuity of insulation test	IS 13730 Part 13
2280	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Copper Wire	Cut through test	IEC 60317 Part 13
2281	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Copper Wire	Cut through test	IS 13730 Part 13
2282	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Copper Wire	Dimensions	IEC 60317 Part 13
2283	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Copper Wire	Dimensions	IS 13730 Part 13
2284	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Copper Wire	Electrical resistance	IEC 60317 Part 13
2285	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Copper Wire	Electrical resistance	IS 13730 Part 13
2286	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Copper Wire	Elongation	IEC 60317 Part 13
2287	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Copper Wire	Elongation	IS 13730 Part 13
2288	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-imide Enamelled Round Copper Wire	Flexibility and Adherence test	IEC 60317 Part 13



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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**Accreditation Standard** ISO/IEC 17025:2017

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2289	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Flexibility and Adherence test	IS 13730 Part 13
2290	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Heat shock test	IEC 60317 Part 13
2291	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Heat shock test	IS 13730 Part 13
2292	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Resistance to abrasion test	IEC 60317 Part 13
2293	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Resistance to abrasion test	IS 13730 Part 13
2294	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Resistance to hydrolysis and to transformer oil	IEC 60317 Part 13
2295	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 13
2296	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Resistance to refrigerants	IEC 60317 Part 13
2297	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Resistance to refrigerants	IS 13730 Part 13
2298	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Resistance to solvents	IEC 60317 Part 13
2299	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Resistance to solvents	IS 13730 Part 13
2300	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Solderability test	IEC 60317 Part 13
2301	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Solderability test	IS 13730 Part 13
2302	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Springiness	IEC 60317 Part 13



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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**Accreditation Standard** ISO/IEC 17025:2017

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2303	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Springiness	IS 13730 Part 13
2304	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Temperature index test, Thermal endurance test	IEC 60317 Part 13
2305	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Copper Wire	Temperature index test, Thermal endurance test	IS 13730 Part 13
2306	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Breakdown voltage test	IS 13730 Part 28
2307	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Continuity of insulation test	IS 13730 Part 28
2308	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Cut through test	IS 13730 Part 28
2309	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Dimensions	IS 13730 Part 28
2310	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Electrical resistance	IS 13730 Part 28
2311	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Elongation	IS 13730 Part 28
2312	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Flexibility and Adherence test	IS 13730 Part 28
2313	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Heat shock test	IS 13730 Part 28
2314	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Resistance to abrasion test	IS 13730 Part 28
2315	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 28
2316	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Resistance to refrigerants	IS 13730 Part 28



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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MAKARPURA, VADODARA, GUJARAT, INDIA

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2317	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Resistance to solvents	IS 13730 Part 28
2318	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Solderability test	IS 13730 Part 28
2319	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Springiness	IS 13730 Part 28
2320	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Rectangular Copper Wire	Temperature index test, Thermal endurance test	IS 13730 Part 28
2321	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Breakdown voltage test	IS 13730 Part 15
2322	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Continuity of insulation test	IS 13730 Part 15
2323	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Cut through test	IS 13730 Part 15
2324	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Dimensions	IS 13730 Part 15
2325	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Electrical resistance	IS 13730 Part 15
2326	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Elongation	IS 13730 Part 15
2327	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Flexibility and Adherence test	IS 13730 Part 15
2328	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Heat shock test	IS 13730 Part 15
2329	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Resistance to abrasion test	IS 13730 Part 15
2330	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 15



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2331	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Resistance to refrigerants	IS 13730 Part 15
2332	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Resistance to solvents	IS 13730 Part 15
2333	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Solderability test	IS 13730 Part 15
2334	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Springiness	IS 13730 Part 15
2335	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round aluminium wire	Temperature index test, Thermal endurance test	IS 13730 Part 15
2336	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Breakdown voltage test	IS 13730 Part 8
2337	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Breakdown voltage test	IEC 60317 Part 8
2338	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Continuity of insulation test	IEC 60317 Part 8
2339	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Continuity of insulation test	IS 13730 Part 8
2340	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Cut through test	IEC 60317 Part 8
2341	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Cut through test	IS 13730 Part 8
2342	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Dimensions	IEC 60317 Part 8
2343	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Dimensions	IS 13730 Part 8
2344	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Electrical resistance	IEC 60317 Part 8



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2345	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Electrical resistance	IS 13730 Part 8
2346	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Elongation	IEC 60317 Part 8
2347	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Elongation	IS 13730 Part 8
2348	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Flexibility and Adherence test	IEC 60317 Part 8
2349	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Flexibility and Adherence test	IS 13730 Part 8
2350	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Heat shock test	IS 13730 Part 8
2351	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Heat shock test	IEC 60317 Part 8
2352	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Resistance to abrasion test	IEC 60317 Part 8
2353	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Resistance to abrasion test	IS 13730 Part 8
2354	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Resistance to hydrolysis and to transformer oil	IEC 60317 Part 8
2355	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 8
2356	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Resistance to refrigerants	IEC 60317 Part 8
2357	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Resistance to refrigerants	IS 13730 Part 8
2358	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Resistance to solvents	IEC 60317 Part 8



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2359	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Resistance to solvents	IS 13730 Part 8
2360	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Solderability test	IEC 60317 Part 8
2361	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Solderability test	IS 13730 Part 8
2362	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Springiness	IEC 60317 Part 8
2363	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Springiness	IS 13730 Part 8
2364	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Temperature index test, Thermal endurance test	IEC 60317 Part 8
2365	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide Enamelled Round Copper Wire	Temperature index test, Thermal endurance test	IS 13730 Part 8
2366	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Breakdown voltage test	IEC 60317 Part 37
2367	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Continuity of insulation test	IEC 60317 Part 37
2368	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Cut through test	IEC 60317 Part 37
2369	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Dimensions	IEC 60317 Part 37
2370	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Electrical resistance	IEC 60317 Part 37
2371	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Elongation	IEC 60317 Part 37
2372	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Flexibility and Adherence test	IEC 60317 Part 37



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
2373	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Heat shock test	IEC 60317 Part 37
2374	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Resistance to abrasion test	IEC 60317 Part 37
2375	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Resistance to hydrolysis and to transformer oil	IEC 60317 Part 37
2376	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Resistance to refrigerants	IEC 60317 Part 37
2377	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Resistance to solvents	IEC 60317 Part 37
2378	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Solderability test	IEC 60317 Part 37
2379	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Springiness	IEC 60317 Part 37
2380	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polyesterimide enamelled round copper wire,	Temperature index test, Thermal endurance test	IEC 60317 Part 37
2381	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Breakdown voltage test	IS 13730 Part 26
2382	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Continuity of insulation test	IS 13730 Part 26
2383	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Cut through test	IS 13730 Part 26
2384	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Dimensions	IS 13730 Part 26
2385	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Electrical resistance	IS 13730 Part 26
2386	ELECTRICAL-CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Elongation	IS 13730 Part 26



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2387	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Flexibility and Adherence test	IS 13730 Part 26
2388	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Heat shock test	IS 13730 Part 26
2389	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Resistance to abrasion test	IS 13730 Part 26
2390	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 26
2391	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Resistance to refrigerants	IS 13730 Part 26
2392	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Resistance to solvents	IS 13730 Part 26
2393	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Solderability test	IS 13730 Part 26
2394	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Springiness	IS 13730 Part 26
2395	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polymide-imide enamelled round copper wire	Temperature index test, Thermal endurance test	IS 13730 Part 26
2396	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Breakdown voltage test	IEC 60317 Part 18
2397	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Breakdown voltage test	IS 13730 Part 17
2398	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Continuity of insulation test	IEC 60317 Part 18
2399	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Continuity of insulation test	IS 13730 Part 17
2400	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Cut through test	IEC 60317 Part 18



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2401	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Cut through test	IS 13730 Part 17
2402	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Dimensions	IEC 60317 Part 18
2403	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Dimensions	IS 13730 Part 17
2404	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Electrical resistance	IS 13730 Part 17
2405	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Electrical resistance	IEC 60317 Part 18
2406	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Elongation	IEC 60317 Part 18
2407	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Elongation	IS 13730 Part 17
2408	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Flexibility and Adherence test	IEC 60317 Part 18
2409	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Flexibility and Adherence test	IS 13730 Part 17
2410	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Heat shock test	IEC 60317 Part 18
2411	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Heat shock test	IS 13730 Part 17
2412	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Resistance to abrasion test	IEC 60317 Part 18
2413	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Resistance to abrasion test	IS 13730 Part 17
2414	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Resistance to hydrolysis and to transformer oil	IEC 60317 Part 18



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2415	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 17
2416	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Resistance to refrigerants	IEC 60317 Part 18
2417	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Resistance to refrigerants	IS 13730 Part 17
2418	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Resistance to solvents	IEC 60317 Part 18
2419	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Resistance to solvents	IS 13730 Part 17
2420	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Solderability test	IEC 60317 Part 18
2421	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Solderability test	IS 13730 Part 17
2422	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Springiness	IEC 60317 Part 18
2423	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Springiness	IS 13730 Part 17
2424	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl acetal enamelled rectangular copper wire	Temperature index test, Thermal endurance test	IEC 60317 Part 18
2425	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Polyvinyl Acetal Enamelled Rectangular Copper Wire	Temperature index test, Thermal endurance test	IS 13730 Part 17
2426	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyesterimide enamelled round copper wire	Breakdown voltage test	IEC 60317 Part 36
2427	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyesterimide enamelled round copper wire	Continuity of insulation test	IEC 60317 Part 36
2428	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyesterimide enamelled round copper wire	Cut through test	IEC 60317 Part 36



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2429	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyesterimide enamelled round copper wire	Dimensions	IEC 60317 Part 36
2430	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyesterimide enamelled round copper wire	Electrical resistance	IEC 60317 Part 36
2431	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyesterimide enamelled round copper wire	Elongation	IEC 60317 Part 36
2432	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyesterimide enamelled round copper wire	Heat shock test	IEC 60317 Part 36
2433	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyesterimide enamelled round copper wire	Resistance to abrasion test	IEC 60317 Part 36
2434	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyesterimide enamelled round copper wire	Resistance to hydrolysis and to transformer oil	IEC 60317 Part 36
2435	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyesterimide enamelled round copper wire	Resistance to refrigerants	IEC 60317 Part 36
2436	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyesterimide enamelled round copper wire	Resistance to solvents	IEC 60317 Part 36
2437	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyesterimide enamelled round copper wire	Solderability test	IEC 60317 Part 36
2438	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyesterimide enamelled round copper wire	Springiness	IEC 60317 Part 36
2439	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyesterimide enamelled round copper wire	Temperature index test, Thermal endurance test	IEC 60317 Part 36
2440	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Heat shock test	IS 13730 Part 2
2441	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Breakdown voltage test	IEC 60317 Part 51
2442	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Breakdown voltage test	IEC 60317 Part 2



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2443	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Breakdown voltage test	IEC 60317 Part 20
2444	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Breakdown voltage test	IS 13730 Part 2
2445	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Breakdown voltage test	IS 13730 Part 20
2446	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Continuity of insulation test	IEC 60317 Part 51
2447	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Continuity of insulation test	IEC 60317 Part 2
2448	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Continuity of insulation test	IEC 60317 Part 20
2449	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Continuity of insulation test	IS 13730 Part 2
2450	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Continuity of insulation test	IS 13730 Part 20
2451	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Cut through test	IEC 60317 Part 51
2452	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Cut through test	IEC 60317 Part 2
2453	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Cut through test	IEC 60317 Part 20
2454	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Cut through test	IS 13730 Part 2
2455	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Cut through test	IS 13730 Part 20
2456	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Dimensions	IEC 60317 Part 51



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2457	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Dimensions	IEC 60317 Part 2
2458	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Dimensions	IEC 60317 Part 20
2459	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Dimensions	IS 13730 Part 2
2460	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Dimensions	IS 13730 Part 20
2461	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Electrical resistance	IEC 60317 Part 51
2462	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Electrical resistance	IEC 60317 Part 2
2463	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Electrical resistance	IEC 60317 Part 20
2464	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Electrical resistance	IS 13730 Part 2
2465	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Electrical resistance	IS 13730 Part 20
2466	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Elongation	IEC 60317 Part 51
2467	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Elongation	IEC 60317 Part 2
2468	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Elongation	IEC 60317 Part 20
2469	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Elongation	IS 13730 Part 2
2470	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Elongation	IS 13730 Part 20



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2471	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Flexibility and Adherence test	IEC 60317 Part 51
2472	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Flexibility and Adherence test	IEC 60317 Part 2
2473	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Flexibility and Adherence test	IEC 60317 Part 20
2474	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Flexibility and Adherence test	IS 13730 Part 2
2475	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Flexibility and Adherence test	IS 13730 Part 20
2476	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Heat shock test	IEC 60317 Part 51
2477	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Heat shock test	IEC 60317 Part 2
2478	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Heat shock test	IEC 60317 Part 20
2479	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Heat shock test	IS 13730 Part 20
2480	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Resistance to abrasion test	IEC 60317 Part 51
2481	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to abrasion test	IEC 60317 Part 2
2482	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to abrasion test	IEC 60317 Part 20
2483	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to abrasion test	IS 13730 Part 2
2484	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to abrasion test	IS 13730 Part 20



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2485	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Resistance to hydrolysis and to transformer oil	IEC 60317 Part 51
2486	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to hydrolysis and to transformer oil	IEC 60317 Part 2
2487	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to hydrolysis and to transformer oil	IEC 60317 Part 20
2488	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 2
2489	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to hydrolysis and to transformer oil	IS 13730 Part 20
2490	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Resistance to refrigerants	IEC 60317 Part 51
2491	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to refrigerants	IEC 60317 Part 2
2492	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to refrigerants	IEC 60317 Part 20
2493	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to refrigerants	IS 13730 Part 2
2494	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to refrigerants	IS 13730 Part 20
2495	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Resistance to solvents	IEC 60317 Part 51
2496	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to solvents	IEC 60317 Part 2
2497	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to solvents	IEC 60317 Part 20
2498	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to solvents	IS 13730 Part 2



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2499	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Resistance to solvents	IS 13730 Part 20
2500	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Solderability test	IEC 60317 Part 51
2501	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Solderability test	IEC 60317 Part 2
2502	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Solderability test	IEC 60317 Part 20
2503	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Solderability test	IS 13730 Part 2
2504	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Solderability test	IS 13730 Part 20
2505	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Springiness	IEC 60317 Part 51
2506	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Springiness	IEC 60317 Part 2
2507	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Springiness	IEC 60317 Part 20
2508	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Springiness	IS 13730 Part 2
2509	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Springiness	IS 13730 Part 20
2510	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable polyurethane enamelled round copper wire	Temperature index test, Thermal endurance test	IEC 60317 Part 51
2511	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Temperature index test, Thermal endurance test	IEC 60317 Part 2
2512	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Temperature index test, Thermal endurance test	IEC 60317 Part 20



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2513	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Temperature index test, Thermal endurance test	IS 13730 Part 2
2514	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Solderable Polyurethane Enamelled Round Copper Wire	Temperature index test, Thermal endurance test	IS 13730 Part 20
2515	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	DC resistance test	GETCO Specification
2516	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	DC resistance test	IEC 61089
2517	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	DC resistance test	PGCIL Specification
2518	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	DC resistance test on Conductor	MMCH/012
2519	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Resistance	IS: 398 (Part 1)
2520	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Resistance	IS: 398 (Part 2)
2521	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Resistance	IS: 398 (Part 4)
2522	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Resistance	IS: 398 (Part 5)
2523	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Resistance	SS 4240814
2524	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	DC Resistance	IEC 62219
2525	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	DC resistance	AS 3822
2526	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	DC resistance test on complete conductor	EN 50182



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2527	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Electrical Resistance Test	ASTM B857
2528	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Breakdown voltage test	IEC 60851 Part-5
2529	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Breakdown voltage test	IS 13778 Part 5
2530	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Continuity of insulation test	IEC 60851 Part-5
2531	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Continuity of insulation test	IS 13778 Part 5
2532	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Cut through test	IEC 60851 Part-6
2533	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Cut through test	IS 13778 Part 6
2534	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Dimensions	IEC 60851 Part-2
2535	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Dimensions	IS 13778 Part 2
2536	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Electrical resistance	IEC 60851 Part-5
2537	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Electrical resistance	IS 13778 Part 5
2538	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Elongation	IEC 60851 Part-3
2539	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Elongation	IS 13778 Part 3
2540	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Flexibility and Adherence test	IEC 60851 Part-3



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2541	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Flexibility and Adherence test	IS 13778 Part 3
2542	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Heat shock test	IEC 60851 Part-6
2543	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Heat shock test	IS 13778 Part 6
2544	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Resistance to abrasion test	IEC 60851 Part-3
2545	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Resistance to abrasion test	IS 13778 Part 3
2546	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Resistance to hydrolysis and to transformer oil	IEC 60851 Part-4
2547	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Resistance to hydrolysis and to transformer oil	IS 13778 Part 4
2548	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Resistance to refrigerants	IEC 60851 Part-4
2549	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Resistance to refrigerants	IS 13778 Part 4
2550	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Resistance to solvents	IEC 60851 Part-4
2551	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Resistance to solvents	IS 13778 Part 4
2552	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Solderability test	IEC 60851 Part-4
2553	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Solderability test	IS 13778 Part 4
2554	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Springiness	IEC 60851 Part-3



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2555	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Springiness	IS 13778 Part 3
2556	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Temperature index test, Thermal endurance test	IEC 60851 Part-6
2557	ELECTRICAL- CONDUCTORS & CONDUCTING MATERIALS	winding wire test methods	Temperature index test, Thermal endurance test	IS 13778 Part 6
2558	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Commercial refrigerating appliance with an incorporated or remote refrigerant unit or compressor	Clearances, Creepage distance and Solid Insulation	IS/IEC 60335-2-89
2559	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Commercial refrigerating appliance with an incorporated or remote refrigerant unit or compressor	Leakage current and electric strength at operating temperature	IS/IEC 60335-2-89
2560	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Commercial refrigerating appliance with an incorporated or remote refrigerant unit or compressor	Protection against access to live parts	IS/IEC 60335-2-89
2561	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Commercial refrigerating appliance with an incorporated or remote refrigerant unit or compressor	Provision for Earthing	IS/IEC 60335-2-89
2562	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep Freezer	Energy Consumption test	IS 7872
2563	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep Freezer	Measurement of freezer storage capacity	IS 7872
2564	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep Freezer	No load Pull down test	IS 7872
2565	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Abnormal operation	IS 302-2-7
2566	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Classification	IS 302-2-7
2567	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Clearances, Creepage distance and Solid Insulation	IS 302-2-7
2568	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Components	IS 302-2-7
2569	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Construction	IS 302-2-7
2570	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Endurance	IS 302-2-7
2571	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Heating	IS 302-2-7



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2572	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Internal wiring	IS 302-2-7
2573	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Leakage current and electric strength at operating temperature	IS 302-2-7
2574	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Leakage current and electric strength	IS 302-2-7
2575	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Marking and Instructions	IS 302-2-7
2576	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Mechanical Strength	IS 302-2-7
2577	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Moisture resistance	IS 302-2-7
2578	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Overload protection of transformers and associated circuits	IS 302-2-7
2579	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Power Input and current	IS 302-2-7
2580	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Protection against access to live parts	IS 302-2-7
2581	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Provision for Earthing	IS 302-2-7
2582	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Radiation, toxicity and similar hazards	IS 302-2-7
2583	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Resistance to heat and fire	IS 302-2-7
2584	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Resistance to rusting	IS 302-2-7
2585	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Screws and connections	IS 302-2-7
2586	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Stability & mechanical hazards	IS 302-2-7
2587	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Supply connection and external flexible cords	IS 302-2-7
2588	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Terminals for external conductors	IS 302-2-7
2589	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Domestic Electric Cloth Washing Machine	Transient over voltages	IS 302-2-7



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2590	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Table type Fans and regulators	Cord grip	IS 555
2591	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Table type Fans and regulators	Creepage distance and clearances	IS 555
2592	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Table type Fans and regulators	Earthing connection	IS 555
2593	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Table type Fans and regulators	Fan speed and Input	IS 555
2594	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Table type Fans and regulators	High Voltage	IS 555
2595	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Table type Fans and regulators	Insulation Resistance	IS 555
2596	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Table type Fans and regulators	Leakage current	IS 555
2597	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Table type Fans and regulators	Marking	IS 555
2598	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Table type Fans and regulators	Mechanical endurance	IS 555
2599	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Table type Fans and regulators	Moisture resistance	IS 555
2600	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Table type Fans and regulators	Protection against electric shock	IS 555
2601	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Table type Fans and regulators	Starting	IS 555
2602	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Table type Fans and regulators	Temperature rise	IS 555
2603	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric ceiling type fan	Classification	IS 374
2604	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric ceiling type fan	Endurance	IS 374
2605	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric ceiling type fan	Interchangeability	IS 374
2606	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric ceiling type fan	Marking	IS 374
2607	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric ceiling type fan	Measurement of Power factor and Power Input	IS 374
2608	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric ceiling type fan	Measurement of speed of the fan	IS 374



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2609	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric ceiling type fan	Performance Requirements	IS 374
2610	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric ceiling type fan	Rating	IS 374
2611	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric ceiling type fan	Silent operation	IS 374
2612	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric ceiling type fan	Speed regulators	IS 374
2613	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric ceiling type fan	Starting	IS 374
2614	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric ceiling type fan	Test for harmonic distortion	IS 374
2615	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Abnormal operation	IS 4250
2616	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Classification	IS 4250
2617	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Components	IS 4250
2618	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Construction	IS 4250
2619	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Creepage distances, clearances and distance through insulation	IS 4250
2620	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Electrical Insulation and Leakage current at operating temperature	IS 4250
2621	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Endurance	IS 4250
2622	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Finish	IS 4250
2623	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Input	IS 4250
2624	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Insulation resistance and electric strength	IS 4250
2625	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Internal wiring	IS 4250
2626	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Marking	IS 4250



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2627	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Mechanical Strength	IS 4250
2628	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Moisture resistance	IS 4250
2629	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Operational Tests	IS 4250
2630	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Protection against electric shock	IS 4250
2631	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Provision for Earthing	IS 4250
2632	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Rating	IS 4250
2633	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Resistance to heat, fire and tracking	IS 4250
2634	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Resistance to rusting	IS 4250
2635	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Screws and connections	IS 4250
2636	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Stability & mechanical hazards	IS 4250
2637	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Starting	IS 4250
2638	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Strength of assembly	IS 4250
2639	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Supply connection and external flexible cords	IS 4250
2640	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Temperature rise	IS 4250
2641	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Temperature withstand test for bowl	IS 4250
2642	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Terminals for external conductors	IS 4250
2643	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Food mixer and centrifugal juicers	Test for controls	IS 4250
2644	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Abnormal operation	IS 302-2-201
2645	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Abnormal operation	IS 368



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2646	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Classification	IS 302-2-201
2647	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Classification	IS 368
2648	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Clearances, Creepage distance and Solid Insulation	IS 302-2-201
2649	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Clearances, Creepage distance and Solid Insulation	IS 368
2650	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Components	IS 302-2-201
2651	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Components	IS 368
2652	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Construction	IS 302-2-201
2653	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Construction	IS 368
2654	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Endurance	IS 368
2655	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Heating	IS 302-2-201
2656	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Heating	IS 368
2657	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Internal wiring	IS 302-2-201
2658	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Internal wiring	IS 368
2659	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Leakage current and electric strength at operating temperature	IS 302-2-201
2660	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Leakage current and electric strength at operating temperature	IS 368
2661	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Leakage current and electric strength	IS 302-2-201
2662	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Leakage current and electric strength	IS 368
2663	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Marking and Instructions	IS 302-2-201



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2664	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Marking and Instructions	IS 368
2665	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Mechanical Strength	IS 302-2-201
2666	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Mechanical Strength	IS 368
2667	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Moisture resistance	IS 302-2-201
2668	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Moisture resistance	IS 368
2669	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Operating under overload condition of appliances with heating elements	IS 368
2670	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Overload protection of transformers and associated circuits	IS 302-2-201
2671	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Overload protection of transformers and associated circuits	IS 368
2672	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Power Input and current	IS 302-2-201
2673	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Power Input and current	IS 368
2674	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Protection against access to live parts	IS 302-2-201
2675	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Protection against access to live parts	IS 368
2676	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Provision for Earthing	IS 302-2-201
2677	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Provision for Earthing	IS 368
2678	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Radiation, toxicity and similar hazards	IS 302-2-201
2679	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Radiation, toxicity and similar hazards	IS 368
2680	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Resistance to heat and fire	IS 302-2-201
2681	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Resistance to heat and fire	IS 368



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2682	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Resistance to rusting	IS 302-2-201
2683	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Resistance to rusting	IS 368
2684	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Screws and connections	IS 302-2-201
2685	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Screws and connections	IS 368
2686	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Stability & mechanical hazards	IS 302-2-201
2687	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Stability & mechanical hazards	IS 368
2688	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Starting of Motor operated appliances	IS 368
2689	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Supply connection and external flexible cords	IS 302-2-201
2690	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Supply connection and external flexible cords	IS 368
2691	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Terminals for external conductors	IS 302-2-201
2692	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Terminals for external conductors	IS 368
2693	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Transient over voltages	IS 302-2-201
2694	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Immersion Water Heaters	Transient over voltages	IS 368
2695	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Abnormal operation	IS 302-2-35
2696	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Classification	IS 302-2-35
2697	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Clearances, Creepage distance and Solid Insulation	IS 302-2-35
2698	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Components	IS 302-2-35
2699	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Construction	IS 302-2-35
2700	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Endurance	IS 8978



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2701	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Finish	IS 8978
2702	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Heating	IS 302-2-35
2703	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Internal wiring	IS 302-2-35
2704	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Leakage current and electric strength at operating temperature	IS 302-2-35
2705	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Leakage current and electric strength	IS 302-2-35
2706	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Marking and Instructions	IS 302-2-35
2707	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Mechanical Strength	IS 302-2-35
2708	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Moisture resistance	IS 302-2-35
2709	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Operation of flow switch	IS 8978
2710	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Overload protection of transformers and associated circuits	IS 302-2-35
2711	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Power Input and current	IS 302-2-35
2712	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Protection against access to live parts	IS 302-2-35
2713	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Provision for Earthing	IS 302-2-35
2714	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Resistance to heat and fire	IS 302-2-35
2715	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Resistance to rusting	IS 302-2-35
2716	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Screws and connections	IS 302-2-35
2717	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Stability & mechanical hazards	IS 302-2-35
2718	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Supply connection and external flexible cords	IS 302-2-35



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2719	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Terminals for external conductors	IS 302-2-35
2720	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Instantaneous Water Heater	Transient over voltages	IS 302-2-35
2721	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Abnormal operation	IS 302-2-3
2722	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Clearances, Creepage distance and Solid Insulation	IS 302-2-3
2723	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Components	IS 302-2-3
2724	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Construction	IS 302-2-3
2725	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric iron	Finish	IS 366
2726	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Heating	IS 302-2-3
2727	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Internal wiring	IS 302-2-3
2728	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Leakage current and electric strength at operating temperature	IS 302-2-3
2729	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Leakage current and electric strength	IS 302-2-3
2730	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Marking and Instructions	IS 302-2-3
2731	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric iron	Measurement of Heating up time	IS 366
2732	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric iron	Measurement of cyclic fluctuation of temperature	IS 366
2733	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric iron	Measurement of initial overswing temperature and heating - up excess temperature	IS 366
2734	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric iron	Measurement of soleplate temperature	IS 366
2735	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric iron	Measurement of Temperature distribution	IS 366
2736	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric iron	Measurement of Thermostatic stability	IS 366



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2737	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Mechanical Strength	IS 302-2-3
2738	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Moisture resistance	IS 302-2-3
2739	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Power Input and current	IS 302-2-3
2740	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Protection against access to live parts	IS 302-2-3
2741	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Provision for Earthing	IS 302-2-3
2742	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Radiation, toxicity and similar hazards	IS 302-2-3
2743	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Resistance to heat and fire	IS 302-2-3
2744	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Resistance to rusting	IS 302-2-3
2745	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Screws and connections	IS 302-2-3
2746	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Stability & mechanical hazards	IS 302-2-3
2747	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Supply connection and external flexible cords	IS 302-2-3
2748	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Terminals for external conductors	IS 302-2-3
2749	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Transient over voltages	IS 302-2-3
2750	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electric Iron	Classification and rating	IS 302-2-3
2751	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Abnormal operation	IS 302-2-14
2752	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Classification	IS 302-2-14
2753	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Clearances, Creepage distance and Solid Insulation	IS 302-2-14
2754	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Components	IS 302-2-14
2755	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Construction	IS 302-2-14



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2756	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Heating	IS 302-2-14
2757	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Internal wiring	IS 302-2-14
2758	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Leakage current and electric strength at operating temperature	IS 302-2-14
2759	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Leakage current and electric strength	IS 302-2-14
2760	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Marking and Instructions	IS 302-2-14
2761	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Mechanical Strength	IS 302-2-14
2762	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Moisture resistance	IS 302-2-14
2763	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Overload protection of transformers and associated circuits	IS 302-2-14
2764	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Power Input and current	IS 302-2-14
2765	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Protection against access to live parts	IS 302-2-14
2766	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Provision for Earthing	IS 302-2-14
2767	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Radiation, toxicity and similar hazards	IS 302-2-14
2768	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Resistance to heat and fire	IS 302-2-14
2769	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Resistance to rusting	IS 302-2-14
2770	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Screws and connections	IS 302-2-14
2771	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Stability & mechanical hazards	IS 302-2-14
2772	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Supply connection and external flexible cords	IS 302-2-14
2773	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Terminals for external conductors	IS 302-2-14



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2774	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Electrical Kitchen appliance	Transient over voltages	IS 302-2-14
2775	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Clearances, Creepage distance and Solid Insulation	IS 302-1
2776	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Abnormal operation	IEC 60335-1
2777	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Abnormal operation	IS 302-1
2778	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Classification	IEC 60335-1
2779	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Classification	IS 302-1
2780	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Clearances, Creepage distance and Solid Insulation	IEC 60335-1
2781	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Components	IEC 60335-1
2782	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Components	IS 302-1
2783	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Construction	IEC 60335-1
2784	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Construction	IS 302-1
2785	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Endurance	IEC 60335-1
2786	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Endurance	IS 302-1
2787	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Heating	IEC 60335-1
2788	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Heating	IS 302-1
2789	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Internal wiring	IEC 60335-1
2790	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Internal wiring	IS 302-1
2791	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Leakage current and electric strength at operating temperature	IEC 60335-1



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**Accreditation Standard** ISO/IEC 17025:2017

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2792	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Leakage current and electric strength at operating temperature	IS 302-1
2793	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Leakage current and electric strength	IEC 60335-1
2794	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Leakage current and electric strength	IS 302-1
2795	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Marking and Instructions	IEC 60335-1
2796	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Marking and Instructions	IS 302-1
2797	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Mechanical Strength	IEC 60335-1
2798	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Mechanical Strength	IS 302-1
2799	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Moisture resistance	IEC 60335-1
2800	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Moisture resistance	IS 302-1
2801	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Overload protection of transformers and associated circuits	IEC 60335-1
2802	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Overload protection of transformers and associated circuits	IS 302-1
2803	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Power Input and current	IEC 60335-1
2804	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Power Input and current	IS 302-1
2805	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Protection against access to live parts	IEC 60335-1
2806	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Protection against access to live parts	IS 302-1
2807	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Provision for Earthing	IEC 60335-1
2808	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Provision for Earthing	IS 302-1
2809	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Radiation, toxicity and similar hazards	IEC 60335-1



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2810	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Radiation, toxicity and similar hazards	IS 302-1
2811	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Resistance to heat and fire	IEC 60335-1
2812	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Resistance to heat and fire	IS 302-1
2813	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Resistance to rusting	IEC 60335-1
2814	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Resistance to rusting	IS 302-1
2815	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Screws and connections	IEC 60335-1
2816	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Screws and connections	IS 302-1
2817	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Stability & mechanical hazards	IEC 60335-1
2818	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Stability & mechanical hazards	IS 302-1
2819	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Starting of Motor operated appliances	IEC 60335-1
2820	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Starting of Motor operated appliances	IS 302-1
2821	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Supply connection and external flexible cords	IEC 60335-1
2822	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Supply connection and external flexible cords	IS 302-1
2823	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Terminals for external conductors	IEC 60335-1
2824	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Terminals for external conductors	IS 302-1
2825	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Transient over voltages	IEC 60335-1
2826	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Transient over voltages	IS 302-1
2827	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Moisture resistance	IEC 60335-1
2828	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar Electrical Appliances-Safety (General Requirement)	Moisture resistance	IS 302-1



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2829	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Refrigerator	Determination of Volume	IS 17550-3 & IS 17550-1
2830	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Refrigerator	Energy Consumption	IS 17550-3 & IS 17550-1
2831	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Refrigerator	Pull down test	IS 17550- 2 & IS 17550- 1
2832	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Refrigerator (Direct Cool )	Determination of gross and storage volume	IS 1476-1
2833	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Refrigerator (Direct Cool )	No-Load performance test	IS 1476-1
2834	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Refrigerator (Direct Cool )	Rated Energy Consumption	IS 1476-1
2835	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Refrigerator (Frost Free )	Determination of Gross and storage Volume	IS 15750
2836	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Refrigerator (Frost Free )	Energy Consumption test	IS 15750
2837	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Refrigerator (Frost Free )	Pull down test	IS 15750
2838	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Refrigerator(Direct Cool & Frost Free)	Determination of Gross and storage Volume	AS/NZS 4474.1 (Withdrawn)
2839	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Refrigerator(Direct Cool & Frost Free)	Determination of tested Energy consumption test (Et)	AS/NZS 4474.1 (Withdrawn)
2840	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Refrigerator(Direct Cool & Frost Free)	Pull down performance	AS/NZS 4474.1 (Withdrawn)
2841	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	insulating material	Glow wire test apparatus and common test procedure	IEC 60695-2-11
2842	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	insulating material	Glow wire test apparatus and common test procedure	IS 11000-2-1
2843	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens for household and similar purpose	Cooking Performance	IS 11676
2844	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens for household and similar purpose	Defrosting Performance	IS 11676
2845	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens for household and similar purpose	Efficiency	IS 11676
2846	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens for household and similar purpose	External Dimensions	IS 11676
2847	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens for household and similar purpose	Finish	IS 11676



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2848	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens for household and similar purpose	Heating Performance	IS 11676
2849	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens for household and similar purpose	Microwave Power Output	IS 11676
2850	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens for household and similar purpose	Uniform Heating	IS 11676
2851	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens for household and similar purpose	Usable Cavity Volume	IS 11676
2852	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Abnormal operation	IS 302-2-25
2853	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Classification	IS 302-2-25
2854	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Clearances, Creepage distance and Solid Insulation	IS 302-2-25
2855	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Components	IS 302-2-25
2856	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Construction	IS 302-2-25
2857	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Endurance	IS 302-2-25
2858	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Heating	IS 302-2-25
2859	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Internal wiring	IS 302-2-25
2860	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Leakage current and electric strength at operating temperature	IS 302-2-25
2861	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Leakage current and electric strength	IS 302-2-25
2862	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Marking and Instructions	IS 302-2-25
2863	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Mechanical Strength	IS 302-2-25
2864	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Moisture resistance	IS 302-2-25
2865	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Overload protection of transformers and associated circuits	IS 302-2-25



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2866	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Power Input and current	IS 302-2-25
2867	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Protection against access to live parts	IS 302-2-25
2868	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Provision for Earthing	IS 302-2-25
2869	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Radiation, toxicity and similar hazards	IS 302-2-25
2870	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Resistance to heat and fire	IS 302-2-25
2871	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Resistance to rusting	IS 302-2-25
2872	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Screws and connections	IS 302-2-25
2873	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Stability & mechanical hazards	IS 302-2-25
2874	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Supply connection and external flexible cords	IS 302-2-25
2875	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Terminals for external conductors	IS 302-2-25
2876	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Microwave ovens, including combination microwave oven	Transient over voltages	IS 302-2-25
2877	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Abnormal operation	IS 4159
2878	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Classification	IS 4159
2879	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Clearances, Creepage distance and Solid Insulation	IS 4159
2880	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Components	IS 4159
2881	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Construction	IS 4159
2882	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Electrical Insulation and Leakage current at operating temperature	IS 4159
2883	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Endurance	IS 4159



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2884	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Heating	IS 4159
2885	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Insulation resistance and electric strength	IS 4159
2886	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Internal wiring	IS 4159
2887	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Marking and Instructions	IS 4159
2888	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Mechanical Strength	IS 4159
2889	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Moisture resistance	IS 4159
2890	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Power Input and current	IS 4159
2891	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Protection against electric shock	IS 4159
2892	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Provision for Earthing	IS 4159
2893	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Rating	IS 4159
2894	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Resistance to heat and fire	IS 4159
2895	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Resistance to rusting	IS 4159
2896	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Screws and connections	IS 4159
2897	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Stability & mechanical hazards	IS 4159
2898	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Supply connection and external flexible cables and cords	IS 4159
2899	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Terminals for external conductors	IS 4159
2900	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Mineral Filled Sheathed Heating Elements	Transient over voltages	IS 4159
2901	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Abnormal operation	IS 302-2-80



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2902	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Classification	IS 302-2-80
2903	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Clearances, Creepage distance and Solid Insulation	IS 302-2-80
2904	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Components	IS 302-2-80
2905	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Construction	IS 302-2-80
2906	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Endurance	IS 302-2-80
2907	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Heating	IS 302-2-80
2908	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Internal wiring	IS 302-2-80
2909	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Leakage current and electric strength at operating temperature	IS 302-2-80
2910	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Leakage current and electric strength	IS 302-2-80
2911	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Marking and Instructions	IS 302-2-80
2912	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Mechanical Strength	IS 302-2-80
2913	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Moisture resistance	IS 302-2-80
2914	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Overload protection of transformers and associated circuits	IS 302-2-80
2915	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Power Input and current	IS 302-2-80
2916	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Protection against access to live parts	IS 302-2-80
2917	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Provision for Earthing	IS 302-2-80
2918	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Radiation, toxicity and similar hazards	IS 302-2-80
2919	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Resistance to heat and fire	IS 302-2-80



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2920	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Resistance to rusting	IS 302-2-80
2921	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Screws and connections	IS 302-2-80
2922	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Stability & mechanical hazards	IS 302-2-80
2923	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Supply connection and external flexible cords	IS 302-2-80
2924	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Terminals for external conductors	IS 302-2-80
2925	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Particular requirement of fan	Transient over voltages	IS 302-2-80
2926	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Abnormal operation	IS 302-2-30
2927	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Classification	IS 302-2-30
2928	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Clearances, Creepage distance and Solid Insulation	IS 302-2-30
2929	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Components	IS 302-2-30
2930	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Construction	IS 302-2-30
2931	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Dimensions and mass of the heater, length of the supply cord	IS 369
2932	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Effect of radiant heat	IS 369
2933	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Heating	IS 302-2-30
2934	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Inrush current	IS 369
2935	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Internal wiring	IS 302-2-30
2936	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Leakage current and electric strength at operating temperature	IS 302-2-30
2937	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Leakage current and electric strength	IS 302-2-30



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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2938	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Marking and Instructions	IS 302-2-30
2939	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Marking	IS 369
2940	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Mechanical Strength	IS 302-2-30
2941	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Moisture resistance	IS 302-2-30
2942	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Overload protection of transformers and associated circuits	IS 302-2-30
2943	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Power Input and current	IS 302-2-30
2944	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Protection against access to live parts	IS 302-2-30
2945	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Provision for Earthing	IS 302-2-30
2946	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Resistance to heat and fire	IS 302-2-30
2947	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Resistance to rusting	IS 302-2-30
2948	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Screws and connections	IS 302-2-30
2949	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Stability & mechanical hazards	IS 302-2-30
2950	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Supply connection and external flexible cords	IS 302-2-30
2951	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Temperature rises of surface surrounding the heater	IS 369
2952	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Temperature rises of the air-outlet grilles and external surfaces	IS 369
2953	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Terminals for external conductors	IS 302-2-30
2954	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Transient over voltages	IS 302-2-30
2955	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Usable power	IS 369



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2956	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Room heater	Warming-up time of the heater	IS 369
2957	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Classification	IS 302-2-21
2958	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Abnormal operation	IS 302-2-21
2959	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Clearances, Creepage distance and Solid Insulation	IS 302-2-21
2960	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Components	IS 302-2-21
2961	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Construction	IS 302-2-21
2962	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Cyclic temperature variation (Differential)	IS 2082
2963	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Deviation from dial calibration	IS 2082
2964	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Finish	IS 2082
2965	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Heating	IS 302-2-21
2966	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Hot water output	IS 2082
2967	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Internal wiring	IS 302-2-21
2968	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Leakage current and electric strength at operating temperature	IS 302-2-21
2969	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Leakage current and electric strength	IS 302-2-21
2970	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Marking and Instructions	IS 302-2-21
2971	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Mechanical Strength	IS 302-2-21
2972	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Mixing factor	IS 2082
2973	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Moisture resistance	IS 302-2-21



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2974	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Overload protection of transformers and associated circuits	IS 302-2-21
2975	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Power Input and current	IS 302-2-21
2976	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Protection against access to live parts	IS 302-2-21
2977	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Provision for Earthing	IS 302-2-21
2978	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Reheating time	IS 2082
2979	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Resistance to heat and fire	IS 302-2-21
2980	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Resistance to rusting	IS 302-2-21
2981	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Screws and connections	IS 302-2-21
2982	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Stability & mechanical hazards	IS 302-2-21
2983	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Standing loss per 24 Hours	IS 2082
2984	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Supply connection and external flexible cords	IS 302-2-21
2985	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Terminals for external conductors	IS 302-2-21
2986	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Transient over voltages	IS 302-2-21
2987	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Stationary Storage Type Water Heaters	Verification of the rated capacity	IS 2082
2988	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital Multifunction Measuring Instruments For Measurement and Control/ Electrical/ Electronic Equipment	Influence Error Resulting From A Change In Position	IS 13875 (Part 1, 3)
2989	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital Multifunction Measuring Instruments For Measurement and Control/ Electrical/ Electronic Equipment	Influence Error Resulting From Change In Ambient Temperature	IS 13875 (Part 1, 3)



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2990	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital Multifunction Measuring Instruments For Measurement and Control/ Electrical/ Electronic Equipment	Influence Error Resulting From Change In Relative Air Humidity	IS 13875 (Part 1, 3)
2991	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital Multifunction Measuring Instruments For Measurement and Control/ Electrical/ Electronic Equipment	Influence Error Resulting From Supply Voltage	IS 13875 (Part 1, 3)
2992	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital Multifunction Measuring Instruments For Measurement and Control/ Electrical/ Electronic Equipment	Intrinsic Error	IS 13875 (Part 1, 3)
2993	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital Multifunction Measuring Instruments For Measurement and Control/ Electrical/ Electronic Equipment	Overload	IS 13875 (Part 1, 3)
2994	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital Multifunction Measuring Instruments For Measurement and Control/ Electrical/ Electronic Equipment	Self-Heating Due to Measured Quantity	IS 13875 (Part 1, 3)
2995	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital Multifunction Measuring Instruments For Measurement and Control/ Electrical/ Electronic Equipment	Shock Test	IS 13875 (Part 1, 3)
2996	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital Multifunction Measuring Instruments For Measurement and Control/ Electrical/ Electronic Equipment	Vibration test	IS 13875 (Part 1, 3)
2997	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	'Abnormal (10mT)' AC magnetic induction of external origin	CBIP Publication No. 304 (Withdrawn)
2998	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	'Abnormal' ac magnetic induction of external origin	IS 14697
2999	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	'Abnormal' DC Magnetic Induction of external origin	CBIP Publication No. 304 (Withdrawn)
3000	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Abnormal (200mT)' AC magnetic induction of external origin	CBIP Publication No. 304 (Withdrawn)



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3001	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IEC 62052-11 (Withdrawn)"
3002	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IEC 62053-21 (Withdrawn)"
3003	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IEC 62053-22 (Withdrawn)"
3004	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IEC 62053-23 (Withdrawn)"
3005	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IEC 62053-24 (Withdrawn)"
3006	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IS 13779 (Withdrawn)"
3007	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"NMI M 6-1 (Withdrawn)"
3008	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	CBIP Publication No. 304 (Withdrawn)
3009	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	CBIP Publication No. 325
3010	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IEC 62052-11
3011	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IEC 62053-21



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3012	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IEC 62053-22
3013	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IEC 62053-23
3014	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IEC 62053-24
3015	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IS 13779
3016	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IS 14697
3017	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	AC magnetic induction of external origin	CBIP Publication No. 325
3018	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	"IEC 62052-11 (Withdrawn)"
3019	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	"IEC 62053-21 (Withdrawn)"
3020	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	"IEC 62053-22 (Withdrawn)"
3021	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	"IEC 62053-23 (Withdrawn)"
3022	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	"IEC 62053-24 (Withdrawn)"



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3023	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	"IS 13779 (Withdrawn)"
3024	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	"NMI M 6-1 (Withdrawn)"
3025	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	CBIP Publication No. 304 (Withdrawn)
3026	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	CBIP Publication No. 325
3027	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	IEC 62052-11
3028	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	IEC 62053-21
3029	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	IEC 62053-22
3030	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	IEC 62053-23
3031	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	IEC 62053-24
3032	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	IS 13779
3033	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Ambient Temperature Influence	IS 14697



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3034	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary Voltage $\pm 120^\circ$ Degree	CBIP Publication No. 304 (Withdrawn)
3035	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary Voltage $\pm 15\%$	CBIP Publication No. 304 (Withdrawn)
3036	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary Voltage $\pm 15\%$	CBIP Publication No. 325
3037	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary voltage variation	IEC 62052-11
3038	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary voltage variation	IEC 62053-21
3039	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary voltage variation	IEC 62053-22
3040	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary voltage variation	IEC 62053-23
3041	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary voltage variation	IEC 62053-24
3042	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary Voltage	"IEC 62053-22 (Withdrawn)"
3043	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	"IEC 62052-11 (Withdrawn)"
3044	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	"IEC 62053-21 (Withdrawn)"



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3045	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	"IEC 62053-22 (Withdrawn)"
3046	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	"IEC 62053-23 (Withdrawn)"
3047	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	"IEC 62053-24 (Withdrawn)"
3048	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	"IS 13779 (Withdrawn)"
3049	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	"NMI M 6-1 (Withdrawn)"
3050	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	CBIP Publication No. 304 (Withdrawn)
3051	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	CBIP Publication No. 325
3052	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	IEC 60068-2-1
3053	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	IEC 62052-11
3054	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	IEC 62053-21
3055	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	IEC 62053-22



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**Certificate Number** TC-5389

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
3056	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	IEC 62053-23
3057	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	IEC 62053-24
3058	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	IS 13779
3059	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	IS 14697
3060	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Cold Test	IS 9000 (Part 2)
3061	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Continuous Magnetic Induction of external origin	"IEC 62053-21 (Withdrawn)"
3062	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Continuous Magnetic Induction of external origin	"IEC 62053-22 (Withdrawn)"
3063	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Continuous Magnetic Induction of external origin	"IEC 62053-23 (Withdrawn)"
3064	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Continuous Magnetic Induction of external origin	"IEC 62053-24 (Withdrawn)"
3065	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	"IEC 62052-11 (Withdrawn)"
3066	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	"IEC 62053-21 (Withdrawn)"



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3067	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	"IEC 62053-22 (Withdrawn)"
3068	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	"IEC 62053-23 (Withdrawn)"
3069	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	"IEC 62053-24 (Withdrawn)"
3070	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	"IS 13779 (Withdrawn)"
3071	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	"NMI M 6-1 (Withdrawn)"
3072	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	CBIP Publication No. 304 (Withdrawn)
3073	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	CBIP Publication No. 325
3074	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	IEC 60068-2-30
3075	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	IEC 62052-11
3076	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	IEC 62053-21
3077	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	IEC 62053-22



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3078	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	IEC 62053-23
3079	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	IEC 62053-24
3080	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	IS 13779
3081	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	IS 14697
3082	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	IS 9000 (Part 5)
3083	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damped oscillatory waves immunity test	"IEC 62052-11 (Withdrawn)"
3084	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damped oscillatory waves immunity test	"IEC 62053-21 (Withdrawn)"
3085	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damped oscillatory waves immunity test	"IEC 62053-22 (Withdrawn)"
3086	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damped oscillatory waves immunity test	"IEC 62053-23 (Withdrawn)"
3087	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damped oscillatory waves immunity test	"IEC 62053-24 (Withdrawn)"
3088	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damped oscillatory waves immunity test	CBIP Publication No. 304 (Withdrawn)



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3089	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damped oscillatory waves immunity test	IEC 62052-11
3090	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damped oscillatory waves immunity test	IEC 62053-21
3091	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damped oscillatory waves immunity test	IEC 62053-22
3092	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damped oscillatory waves immunity test	IEC 62053-23
3093	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Damped oscillatory waves immunity test	IEC 62053-24
3094	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	DC Magnetic Induction of external origin	CBIP Publication No. 325
3095	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	DC and even harmonics - half-wave rectified waveform test	IEC 62052-11
3096	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	DC and even harmonics - half-wave rectified waveform test	IEC 62053-21
3097	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	DC and even harmonics - half-wave rectified waveform test	IEC 62053-23
3098	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	DC and even harmonics - half-wave rectified waveform test	IEC 62053-24
3099	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	DC and even harmonics in AC current circuit	"IEC 62053-21 (Withdrawn)"



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3100	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	DC and even harmonics in AC current circuit	"IEC 62053-23 (Withdrawn)"
3101	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	DC and even harmonics in AC current circuit	"IEC 62053-24 (Withdrawn)"
3102	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	DC and even harmonics in AC current circuit	CBIP Publication No. 304 (Withdrawn)
3103	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	DC and even harmonics in AC current circuit	CBIP Publication No. 325
3104	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	"IEC 62052-11 (Withdrawn)"
3105	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	"IEC 62053-21 (Withdrawn)"
3106	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	"IEC 62053-22 (Withdrawn)"
3107	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	"IEC 62053-23 (Withdrawn)"
3108	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	"IEC 62053-24 (Withdrawn)"
3109	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	"IS 13779 (Withdrawn)"
3110	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	"NMI M 6-1 (Withdrawn)"



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3111	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	CBIP Publication No. 304 (Withdrawn)
3112	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	CBIP Publication No. 325
3113	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	IEC 60068-2-2
3114	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	IEC 62052-11
3115	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	IEC 62053-21
3116	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	IEC 62053-22
3117	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	IEC 62053-23
3118	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	IEC 62053-24
3119	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	IS 13779
3120	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	IS 14697
3121	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Dry Heat Test	IS 9000 (Part 3)



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3122	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Durability	IEC 62052-11
3123	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Durability	IEC 62053-21
3124	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Durability	IEC 62053-22
3125	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Durability	IEC 62053-23
3126	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Durability	IEC 62053-24
3127	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	External static magnetic fields	IEC 62052-11
3128	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	External static magnetic fields	IEC 62053-21
3129	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	External static magnetic fields	IEC 62053-22
3130	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	External static magnetic fields	IEC 62053-23
3131	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	External static magnetic fields	IEC 62053-24
3132	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency Variation	"IEC 62053-21 (Withdrawn)"



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3133	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency Variation	"IEC 62053-22 (Withdrawn)"
3134	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency Variation	"IEC 62053-23 (Withdrawn)"
3135	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency Variation	"IEC 62053-24 (Withdrawn)"
3136	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency Variation	CBIP Publication No. 304 (Withdrawn)
3137	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency Variation	CBIP Publication No. 325
3138	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency variation	IEC 62052-11
3139	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency variation	IEC 62053-21
3140	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency variation	IEC 62053-22
3141	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency variation	IEC 62053-23
3142	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency variation	IEC 62053-24



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3143	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective conductor Terminal, Clearance and Creepage distances, Meter Terminal, Sealing, Terminal Cover, Insulating encased meter, Display of measured values, Output Device)	IEC 62052-11
3144	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective conductor Terminal, Terminal Cover, Clearance and Creepage distances, Meter Terminal, Sealing, Insulating encased meter, Display of measured values, Output Device)	IEC 62053-21
3145	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective conductor Terminal, Terminal Cover, Clearance and Creepage distances, Meter Terminal, Sealing, Insulating encased meter, Display of measured values, Output Device)	IEC 62053-22
3146	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective conductor Terminal, Terminal Cover, Clearance and Creepage distances, Meter Terminal, Sealing, Insulating encased meter, Display of measured values, Output Device)	IEC 62053-23



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3147	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective conductor Terminal, Terminal Cover, Clearance and Creepage distances, Meter Terminal, Sealing, Insulating encased meter, Display of measured values, Output Device)	IEC 62053-24
3148	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device)	"IEC 62052-11 (Withdrawn)"
3149	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device)	"IEC 62053-21 (Withdrawn)"
3150	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device)	"IEC 62053-22 (Withdrawn)"



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3151	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device)	"IEC 62053-23 (Withdrawn)"
3152	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device)	"IEC 62053-24 (Withdrawn)"
3153	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device)	"IS 13779 (Withdrawn)"
3154	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device)	"NMI M 6-1 (Withdrawn)"



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3155	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device)	IS 14697
3156	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device, Auxiliary power)	CBIP Publication No. 304 (Withdrawn)
3157	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device, Auxiliary power)	CBIP Publication No. 325
3158	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General requirements- Mechanical and electrical characteristics	"IEC 62052-11 (Withdrawn)"
3159	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General requirements-Optical characteristics	"IEC 62052-11 (Withdrawn)"
3160	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonic component in the current and voltage circuit	"IEC 62053-21 (Withdrawn)"



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3161	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonic component in the current and voltage circuit	"IEC 62053-22 (Withdrawn)"
3162	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonic component in the current and voltage circuit	"IEC 62053-24 (Withdrawn)"
3163	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonic component in the current and voltage circuit	CBIP Publication No. 304 (Withdrawn)
3164	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonic component in the current and voltage circuit	CBIP Publication No. 325
3165	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonics in the current and voltage circuits - 5th harmonic test	IEC 62052-11
3166	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonics in the current and voltage circuits - 5th harmonic test	IEC 62053-21
3167	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonics in the current and voltage circuits - 5th harmonic test	IEC 62053-22
3168	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonics in the current and voltage circuits - 5th harmonic test	IEC 62053-24
3169	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	"IEC 62052-11 (Withdrawn)"
3170	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	"IS 13779 (Withdrawn)"
3171	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	CBIP Publication No. 304 (Withdrawn)



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3172	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	CBIP Publication No. 325
3173	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	IEC 62052-11
3174	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	IEC 62053-21
3175	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	IEC 62053-22
3176	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	IEC 62053-23
3177	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	IEC 62053-24
3178	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	IS 11731-1
3179	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	IS 13360 (Part 6)
3180	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	IS 13779
3181	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	IS 14697
3182	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	ISO 75-1



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3183	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	ISO 75-2
3184	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	I, ii). Voltage Variation	IS 14697
3185	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	i. Voltage Variation	"IS 13779 (Withdrawn)"
3186	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	i. Voltage Variation	IS 13779
3187	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ii. Frequency Variation	"IS 13779 (Withdrawn)"
3188	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ii. Frequency Variation	IS 13779
3189	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	iii, iv). Frequency Variation	IS 14697
3190	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	iii. Waveform 10% of third harmonic in current	"IS 13779 (Withdrawn)"
3191	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	iii. Waveform 10% of third harmonic in current	IS 13779
3192	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	"IEC 62052-11 (Withdrawn)"
3193	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	"IEC 62053-21 (Withdrawn)"



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3194	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	"IEC 62053-22 (Withdrawn)"
3195	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	"IEC 62053-23 (Withdrawn)"
3196	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	"IEC 62053-24 (Withdrawn)"
3197	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	"IS 13779 (Withdrawn)"
3198	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	"NMI M 6-1 (Withdrawn)"
3199	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	CBIP Publication No. 304 (Withdrawn)
3200	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	CBIP Publication No. 325
3201	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	IEC 62052-11
3202	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	IEC 62053-21
3203	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	IEC 62053-22
3204	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	IEC 62053-23



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3205	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	IEC 62053-24
3206	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	IS 13779
3207	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	IS 14697
3208	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	"IEC 62052-11 (Withdrawn)"
3209	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	"IEC 62053-21 (Withdrawn)"
3210	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	"IEC 62053-22 (Withdrawn)"
3211	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	"IEC 62053-23 (Withdrawn)"
3212	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	"IEC 62053-24 (Withdrawn)"
3213	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	"IS 13779 (Withdrawn)"
3214	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	"NMI M 6-1 (Withdrawn)"
3215	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	CBIP Publication No. 304 (Withdrawn)



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3216	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	CBIP Publication No. 325
3217	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	IEC 62052-11
3218	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	IEC 62053-21
3219	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	IEC 62053-22
3220	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	IEC 62053-23
3221	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	IEC 62053-24
3222	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	IS 13779
3223	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	IS 14697
3224	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	"IS 13779 (Withdrawn)"
3225	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	CBIP Publication No. 304 (Withdrawn)
3226	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	CBIP Publication No. 325



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3227	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	IS 13779
3228	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	IS 14697
3229	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interharmonics in the current circuit - burst fired waveform test	IEC 62052-11
3230	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interharmonics in the current circuit - burst fired waveform test	IEC 62053-21
3231	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interharmonics in the current circuit - burst fired waveform test	IEC 62053-22
3232	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interharmonics in the current circuit - burst fired waveform test	IEC 62053-23
3233	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interharmonics in the current circuit - burst fired waveform test	IEC 62053-24
3234	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IEC 62052-11 (Withdrawn)"
3235	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IEC 62053-21 (Withdrawn)"
3236	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IEC 62053-22 (Withdrawn)"
3237	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IEC 62053-23 (Withdrawn)"



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3238	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IEC 62053-24 (Withdrawn)"
3239	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IS 13779 (Withdrawn)"
3240	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	CBIP Publication No. 304 (Withdrawn)
3241	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	CBIP Publication No. 325
3242	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	IS 13779
3243	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	IS 14697
3244	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interruption of phase voltage	IEC 62052-11
3245	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interruption of phase voltage	IEC 62053-21
3246	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interruption of phase voltage	IEC 62053-22
3247	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interruption of phase voltage	IEC 62053-23
3248	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interruption of phase voltage	IEC 62053-24



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
3249	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	iv. Reverse Ph. Sequence	"IS 13779 (Withdrawn)"
3250	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	iv. Reverse Ph. Sequence	IS 13779
3251	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ix). Phase of Auxiliary supply voltage by 120 degree	IS 14697
3252	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"IEC 62052-11 (Withdrawn)"
3253	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"IEC 62053-21 (Withdrawn)"
3254	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"IEC 62053-22 (Withdrawn)"
3255	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"IEC 62053-23 (Withdrawn)"
3256	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"IEC 62053-24 (Withdrawn)"
3257	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"IS 13779 (Withdrawn)"
3258	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"NMI M 6-1 (Withdrawn)"
3259	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	CBIP Publication No. 304 (Withdrawn)



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3260	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	CBIP Publication No. 325
3261	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IEC 62052-11
3262	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IEC 62053-21
3263	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IEC 62053-22
3264	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IEC 62053-23
3265	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IEC 62053-24
3266	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IS 13779
3267	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IS 14697
3268	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Magnetic induction of external origin	"IEC 62053-21 (Withdrawn)"
3269	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Magnetic induction of external origin	"IEC 62053-22 (Withdrawn)"
3270	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Magnetic induction of external origin	"IEC 62053-23 (Withdrawn)"



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3271	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Magnetic induction of external origin	"IEC 62053-24 (Withdrawn)"
3272	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	"IEC 62052-11 (Withdrawn)"
3273	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	"IEC 62053-21 (Withdrawn)"
3274	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	"IEC 62053-22 (Withdrawn)"
3275	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	"IEC 62053-23 (Withdrawn)"
3276	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	"IEC 62053-24 (Withdrawn)"
3277	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	"IS 13779 (Withdrawn)"
3278	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	"NMI M 6-1 (Withdrawn)"
3279	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	CBIP Publication No. 304 (Withdrawn)
3280	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	CBIP Publication No. 325
3281	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	IEC 62052-11



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3282	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	IEC 62053-21
3283	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	IEC 62053-22
3284	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	IEC 62053-23
3285	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	IEC 62053-24
3286	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	IS 13779
3287	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Marking of Meters	IS 14697
3288	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Odd harmonics in current circuit	"IEC 62053-21 (Withdrawn)"
3289	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Odd harmonics in current circuit	CBIP Publication No. 304 (Withdrawn)
3290	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Odd harmonics in the current circuit	IEC 62052-11
3291	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Odd harmonics in the current circuit	IEC 62053-21
3292	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Odd harmonics in the current circuit	IEC 62053-22



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3293	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Odd harmonics in the current circuit	IEC 62053-23
3294	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Odd harmonics in the current circuit	IEC 62053-24
3295	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Operation of accessories	"IEC 62053-21 (Withdrawn)"
3296	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Operation of accessories	"IEC 62053-22 (Withdrawn)"
3297	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Operation of accessories	"IEC 62053-23 (Withdrawn)"
3298	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Operation of accessories	"IEC 62053-24 (Withdrawn)"
3299	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Operation of accessories	CBIP Publication No. 304 (Withdrawn)
3300	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Operation of accessories	CBIP Publication No. 325
3301	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Operation of auxiliary devices	IEC 62052-11
3302	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Operation of auxiliary devices	IEC 62053-21
3303	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Operation of auxiliary devices	IEC 62053-22



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3304	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Operation of auxiliary devices	IEC 62053-23
3305	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Operation of auxiliary devices	IEC 62053-24
3306	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Power frequency magnetic field immunity test	IEC 62052-11
3307	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Power frequency magnetic field immunity test	IEC 62053-21
3308	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Power frequency magnetic field immunity test	IEC 62053-22
3309	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Power frequency magnetic field immunity test	IEC 62053-23
3310	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Power frequency magnetic field immunity test	IEC 62053-24
3311	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	CBIP Publication No. 304 (Withdrawn)
3312	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	CBIP Publication No. 325
3313	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 62053-22
3314	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 62053-23



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3315	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IS 14697
3316	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IS 15884
3317	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IS 16444 (Part 2)
3318	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 62052-11
3319	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 62052-31
3320	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 62053-21
3321	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 62053-22
3322	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 62053-23
3323	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 62053-24
3324	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 62055-31
3325	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	NMI M 6-1



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3326	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	"IEC 62052-11 (Withdrawn)"
3327	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	"IEC 62053-21 (Withdrawn)"
3328	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	"IEC 62053-22 (Withdrawn)"
3329	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	"IEC 62053-23 (Withdrawn)"
3330	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	"IEC 62053-24 (Withdrawn)"
3331	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	"IS 13779 (Withdrawn)"
3332	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	"NMI M 6-1 (Withdrawn)"
3333	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	CBIP Publication No. 304 (Withdrawn)
3334	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	CBIP Publication No. 325
3335	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	IEC 60529
3336	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	IEC 62052-11



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3337	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	IEC 62053-21
3338	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	IEC 62053-22
3339	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	IEC 62053-23
3340	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	IEC 62053-24
3341	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	IS 13779
3342	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	IS 14697
3343	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water	IS/IEC 60529
3344	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	"IS 13779 (Withdrawn)"
3345	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	CBIP Publication No. 304 (Withdrawn)
3346	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	CBIP Publication No. 325
3347	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IEC 62052-11



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3348	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IEC 62053-21
3349	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IEC 62053-22
3350	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IEC 62053-23
3351	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IEC 62053-24
3352	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IS 13779
3353	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IS 14697
3354	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reverse Ph. Sequence	CBIP Publication No. 304 (Withdrawn)
3355	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reverse Ph. Sequence	CBIP Publication No. 325
3356	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed Ph. Sequence	"IEC 62053-21 (Withdrawn)"
3357	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed Ph. Sequence	"IEC 62053-22 (Withdrawn)"
3358	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed phase sequence	IEC 62052-11



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**Certificate Number** TC-5389

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3359	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed phase sequence	IEC 62053-21
3360	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed phase sequence	IEC 62053-22
3361	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed phase sequence	IEC 62053-23
3362	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed phase sequence	IEC 62053-24
3363	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IEC 62052-11 (Withdrawn)"
3364	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IEC 62053-21 (Withdrawn)"
3365	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IEC 62053-22 (Withdrawn)"
3366	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IEC 62053-23 (Withdrawn)"
3367	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IEC 62053-24 (Withdrawn)"
3368	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IS 13779 (Withdrawn)"
3369	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"NMI M 6-1 (Withdrawn)"



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3370	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	CBIP Publication No. 304 (Withdrawn)
3371	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	CBIP Publication No. 325
3372	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IEC 62052-11
3373	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IEC 62053-21
3374	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IEC 62053-23
3375	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IEC 62053-24
3376	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IS 13779
3377	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IS 14697
3378	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	"IEC 62052-11 (Withdrawn)"
3379	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	"IEC 62053-21 (Withdrawn)"
3380	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	"IEC 62053-22 (Withdrawn)"



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3381	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	"IEC 62053-23 (Withdrawn)"
3382	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	"IEC 62053-24 (Withdrawn)"
3383	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	"IS 13779 (Withdrawn)"
3384	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	"NMI M 6-1 (Withdrawn)"
3385	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	CBIP Publication No. 304 (Withdrawn)
3386	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	CBIP Publication No. 325
3387	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	IEC 60068-2-27
3388	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	IEC 62052-11
3389	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	IEC 62053-21
3390	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	IEC 62053-22
3391	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	IEC 62053-23



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3392	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	IEC 62053-24
3393	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	IS 13779
3394	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	IS 14697
3395	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Shock Test	IS 9000 (part 7)
3396	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	"IEC 62052-11 (Withdrawn)"
3397	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	"IEC 62053-21 (Withdrawn)"
3398	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	"IEC 62053-22 (Withdrawn)"
3399	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	"IEC 62053-23 (Withdrawn)"
3400	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	"IEC 62053-24 (Withdrawn)"
3401	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	"IS 13779 (Withdrawn)"
3402	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	CBIP Publication No. 304 (Withdrawn)



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3403	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	CBIP Publication No. 325
3404	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 60068-2-75
3405	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 62052-11
3406	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 62053-21
3407	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 62053-22
3408	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 62053-23
3409	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 62053-24
3410	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IS 13779
3411	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IS 14697
3412	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IS 14697
3413	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	"IEC 62052-11 (Withdrawn)"



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3414	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	"IEC 62053-21 (Withdrawn)"
3415	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	"IEC 62053-22 (Withdrawn)"
3416	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	"IEC 62053-23 (Withdrawn)"
3417	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	"IEC 62053-24 (Withdrawn)"
3418	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	"IS 13779 (Withdrawn)"
3419	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	"NMI M 6-1 (Withdrawn)"
3420	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	CBIP Publication No. 304 (Withdrawn)
3421	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	CBIP Publication No. 325
3422	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IEC 62052-11
3423	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IEC 62053-21
3424	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IEC 62053-22



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3425	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IEC 62053-23
3426	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IEC 62053-24
3427	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IS 13779
3428	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IS 14697
3429	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	"IEC 62052-11 (Withdrawn)"
3430	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	"IEC 62053-21 (Withdrawn)"
3431	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	"IEC 62053-22 (Withdrawn)"
3432	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	"IEC 62053-23 (Withdrawn)"
3433	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	"IEC 62053-24 (Withdrawn)"
3434	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	"IS 13779 (Withdrawn)"
3435	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	"NMI M 6-1 (Withdrawn)"



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3436	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	CBIP Publication No. 304 (Withdrawn)
3437	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	CBIP Publication No. 325
3438	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IEC 62052-11
3439	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IEC 62053-21
3440	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IEC 62053-22
3441	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IEC 62053-23
3442	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IEC 62053-24
3443	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IS 13779
3444	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IS 14697
3445	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Stray' AC Magnetic induction of external origin	CBIP Publication No. 304 (Withdrawn)
3446	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Stray' AC Magnetic induction of external origin	CBIP Publication No. 325



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3447	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Stray' DC magnetic induction of external origin	CBIP Publication No. 304 (Withdrawn)
3448	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Stray' DC magnetic induction of external origin	CBIP Publication No. 325
3449	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Sub-harmonics in current circuit	"IEC 62053-21 (Withdrawn)"
3450	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Sub-harmonics in current circuit	"IEC 62053-22 (Withdrawn)"
3451	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Sub-harmonics in current circuit	CBIP Publication No. 304 (Withdrawn)
3452	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Surge Test	"IEC 62052-11 (Withdrawn)"
3453	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Surge Test	"IEC 62053-21 (Withdrawn)"
3454	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Surge Test	"IEC 62053-22 (Withdrawn)"
3455	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Surge Test	"IEC 62053-23 (Withdrawn)"
3456	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Surge Test	"IEC 62053-24 (Withdrawn)"
3457	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Surge Test	CBIP Publication No. 304 (Withdrawn)



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3458	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Surge Test	IEC 62052-11
3459	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Surge Test	IEC 62053-21
3460	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Surge Test	IEC 62053-22
3461	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Surge Test	IEC 62053-23
3462	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Surge Test	IEC 62053-24
3463	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Surge Test	IS 14697
3464	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Tamper and Fraud Monitoring/ Verification/ Special Requirements	"Central Electricity Authority; Notification No:502/70/CEA/DP&D, up to & including Amd.: 2019 "
3465	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Tamper and Fraud Monitoring/ Verification/ Special Requirements	CBIP Publication No. 304 (Withdrawn)
3466	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Tamper and Fraud Monitoring/ Verification/ Special Requirements	CBIP Publication No. 325
3467	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	"IEC 62052-11 (Withdrawn)"
3468	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	"IEC 62053-21 (Withdrawn)"



# National Accreditation Board for Testing and Calibration Laboratories

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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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3469	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	"IEC 62053-22 (Withdrawn)"
3470	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	"IEC 62053-23 (Withdrawn)"
3471	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	"IEC 62053-24 (Withdrawn)"
3472	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	"IS 13779 (Withdrawn)"
3473	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	CBIP Publication No. 304 (Withdrawn)
3474	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	CBIP Publication No. 325
3475	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	IEC 62052-11
3476	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	IEC 62053-21
3477	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	IEC 62053-22
3478	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	IEC 62053-23
3479	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	IEC 62053-24



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3480	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	IS 13779
3481	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	IS 14697
3482	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	"IEC 62052-11 (Withdrawn)"
3483	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	"IEC 62053-21 (Withdrawn)"
3484	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	"IEC 62053-22 (Withdrawn)"
3485	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	"IEC 62053-23 (Withdrawn)"
3486	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	"IEC 62053-24 (Withdrawn)"
3487	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	"IS 13779 (Withdrawn)"
3488	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	"NMI M 6-1 (Withdrawn)"
3489	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	CBIP Publication No. 304 (Withdrawn)
3490	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	CBIP Publication No. 325



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3491	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	IEC 62052-11
3492	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	IEC 62053-21
3493	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	IEC 62053-22
3494	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	IEC 62053-23
3495	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	IEC 62053-24
3496	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	IS 13779
3497	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of short-time over currents	IS 14697
3498	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	"IEC 62052-11 (Withdrawn)"
3499	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	"IEC 62053-21 (Withdrawn)"
3500	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	"IEC 62053-22 (Withdrawn)"
3501	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	"IEC 62053-23 (Withdrawn)"



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3502	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	"IEC 62053-24 (Withdrawn)"
3503	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	"IS 13779 (Withdrawn)"
3504	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	CBIP Publication No. 304 (Withdrawn)
3505	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	CBIP Publication No. 325
3506	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	IEC 62052-11
3507	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	IEC 62053-21
3508	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	IEC 62053-22
3509	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	IEC 62053-23
3510	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	IEC 62053-24
3511	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	IS 13779
3512	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	IS 14697



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3513	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IEC 62052-11 (Withdrawn)"
3514	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IEC 62053-21 (Withdrawn)"
3515	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IEC 62053-22 (Withdrawn)"
3516	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IEC 62053-23 (Withdrawn)"
3517	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IEC 62053-24 (Withdrawn)"
3518	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IS 13779 (Withdrawn)"
3519	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	CBIP Publication No. 304 (Withdrawn)
3520	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	CBIP Publication No. 325
3521	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IEC 62052-11
3522	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IEC 62053-21
3523	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IEC 62053-22



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3524	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IEC 62053-23
3525	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IEC 62053-24
3526	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IS 13779
3527	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IS 14697
3528	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	"IEC 62052-11 (Withdrawn)"
3529	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	"IEC 62053-21 (Withdrawn)"
3530	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	"IEC 62053-22 (Withdrawn)"
3531	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	"IEC 62053-23 (Withdrawn)"
3532	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	"IEC 62053-24 (Withdrawn)"
3533	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	"IS 13779 (Withdrawn)"
3534	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	"NMI M 6-1 (Withdrawn)"



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3535	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	CBIP Publication No. 304 (Withdrawn)
3536	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	CBIP Publication No. 325
3537	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IEC 62052-11
3538	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IEC 62053-21
3539	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IEC 62053-22
3540	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IEC 62053-23
3541	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IEC 62053-24
3542	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IS 13779
3543	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IS 14697
3544	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	"IEC 62052-11 (Withdrawn)"
3545	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	"IEC 62053-21 (Withdrawn)"



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3546	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	"IEC 62053-22 (Withdrawn)"
3547	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	"IEC 62053-23 (Withdrawn)"
3548	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	"IEC 62053-24 (Withdrawn)"
3549	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	"IS 13779 (Withdrawn)"
3550	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	"NMI M 6-1 (Withdrawn)"
3551	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	CBIP Publication No. 304 (Withdrawn)
3552	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	CBIP Publication No. 325
3553	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IEC 62052-11
3554	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IEC 62053-21
3555	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IEC 62053-22
3556	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IEC 62053-23



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3557	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IEC 62053-24
3558	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IS 13779
3559	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IS 14697
3560	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	"IEC 62052-11 (Withdrawn)"
3561	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	"IEC 62053-21 (Withdrawn)"
3562	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	"IEC 62053-22 (Withdrawn)"
3563	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	"IEC 62053-23 (Withdrawn)"
3564	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	"IEC 62053-24 (Withdrawn)"
3565	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	"IS 13779 (Withdrawn)"
3566	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	CBIP Publication No. 304 (Withdrawn)
3567	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	CBIP Publication No. 325



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3568	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IEC 62052-11
3569	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IEC 62053-21
3570	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IEC 62053-22
3571	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IEC 62053-23
3572	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IEC 62053-24
3573	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IS 13779
3574	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IS 14697
3575	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	"IEC 62052-11 (Withdrawn)"
3576	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	"IEC 62053-21 (Withdrawn)"
3577	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	"IEC 62053-22 (Withdrawn)"
3578	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	"IEC 62053-23 (Withdrawn)"



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3579	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	"IEC 62053-24 (Withdrawn)"
3580	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	"IS 13779 (Withdrawn)"
3581	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	CBIP Publication No. 304 (Withdrawn)
3582	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	CBIP Publication No. 325
3583	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	IEC 60695-2-10
3584	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	IEC 60695-2-11
3585	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	IEC 62052-11
3586	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	IEC 62053-21
3587	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	IEC 62053-22
3588	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	IEC 62053-23
3589	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	IEC 62053-24



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3590	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	IS 11000 (Part 2)
3591	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	IS 13779
3592	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of resistance to heat and fire	IS 14697
3593	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Tests related to safety	IEC 62052-11
3594	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Tests related to safety	IEC 62053-21
3595	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Tests related to safety	IEC 62053-22
3596	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Tests related to safety	IEC 62053-23
3597	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Tests related to safety	IEC 62053-24
3598	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	v). Waveform 10% of third harmonic in current	IS 14697
3599	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	v. Voltage unbalance	"IS 13779 (Withdrawn)"
3600	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	v. Voltage unbalance	IS 13779



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3601	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	vi). Reversed Ph. Sequence	IS 14697
3602	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	vi. DC and even harmonics in AC current circuit	"IS 13779 (Withdrawn)"
3603	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	vi. DC and even harmonics in AC current circuit	IS 13779
3604	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	"IEC 62052-11 (Withdrawn)"
3605	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	"IEC 62053-21 (Withdrawn)"
3606	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	"IEC 62053-22 (Withdrawn)"
3607	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	"IEC 62053-23 (Withdrawn)"
3608	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	"IEC 62053-24 (Withdrawn)"
3609	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	"IS 13779 (Withdrawn)"
3610	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	"NMI M 6-1 (Withdrawn)"
3611	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	CBIP Publication No. 304 (Withdrawn)



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3612	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	CBIP Publication No. 325
3613	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	IEC 60068-2-6
3614	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	IEC 62052-11
3615	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	IEC 62053-21
3616	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	IEC 62053-22
3617	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	IEC 62053-23
3618	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	IEC 62053-24
3619	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	IS 13779
3620	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	IS 14697
3621	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Vibration Test	IS 9000 (part 8)
3622	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	vii). Voltage unbalance	IS 14697



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3623	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	vii. Continuous Magnetic Induction of external origin	"IS 13779 (Withdrawn)"
3624	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	vii. Continuous Magnetic Induction of external origin	IS 13779
3625	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	viii). Auxiliary Voltage	IS 14697
3626	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	viii. Magnetic induction of external origin	"IS 13779 (Withdrawn)"
3627	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	viii. Magnetic induction of external origin	IS 13779
3628	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage unbalance	"IEC 62053-21 (Withdrawn)"
3629	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage unbalance	"IEC 62053-22 (Withdrawn)"
3630	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage unbalance	CBIP Publication No. 304 (Withdrawn)
3631	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage unbalance	CBIP Publication No. 325
3632	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage Variation	"IEC 62053-21 (Withdrawn)"
3633	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage Variation	"IEC 62053-22 (Withdrawn)"



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3634	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage Variation	"IEC 62053-23 (Withdrawn)"
3635	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage Variation	"IEC 62053-24 (Withdrawn)"
3636	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage Variation	CBIP Publication No. 304 (Withdrawn)
3637	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage Variation	CBIP Publication No. 325
3638	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage variation	IEC 62052-11
3639	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage variation	IEC 62053-21
3640	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage variation	IEC 62053-22
3641	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage variation	IEC 62053-23
3642	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage variation	IEC 62053-24
3643	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Waveform 10% of third harmonic in current circuit	CBIP Publication No. 304 (Withdrawn)
3644	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Waveform 10% of third harmonic in current circuit	CBIP Publication No. 325



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3645	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	x). Continuous Magnetic Induction of external origin	IS 14697
3646	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	x. Operation of accessories	"IS 13779 (Withdrawn)"
3647	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	x. Operation of accessories	IS 13779
3648	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	xi). Magnetic induction of external origin	IS 14697
3649	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	xi. Continuous 'abnormal' Magnetic Induction of external origin	"IS 13779 (Withdrawn)"
3650	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	xi. Continuous 'abnormal' Magnetic Induction of external origin	IS 13779
3651	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	xii. 'Abnormal' ac magnetic induction of external origin	"IS 13779 (Withdrawn)"
3652	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	xii. 'Abnormal' ac magnetic induction of external origin	IS 13779
3653	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	xiii). Operation of accessories	IS 14697
3654	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	xiii). Operation of auxiliary devices	IS 14697
3655	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	xiv). Continuous 'abnormal' Magnetic Induction of external origin	IS 14697



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3656	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device)	IS 13779
3657	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 60529
3658	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 62052-11
3659	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 62052-31
3660	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 62053-24
3661	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IS 13779
3662	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IS 13779 (Withdrawn)
3663	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IS 16444 (Part 1)
3664	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IS/IEC 60529



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3665	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 62052-11
3666	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	IEC 62055-31
3667	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Protection against penetration of dust and water (IP1X to 6X & IPX1 to X8)	OIML R 46-1/-2
3668	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IEC 62053-22
3669	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	"ix. Abnormal ac Magnetic induction of external origin 10mT"	IS 15884
3670	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IEC 62055-31
3671	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IS 15884
3672	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Ambient Temperature Influence	IEC 62055-31
3673	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Ambient Temperature Influence	IS 15884
3674	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Cold Test	IEC 62055-31
3675	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Cold Test	IS 15884



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

**Validity** 31/03/2022 to 30/03/2024

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
3676	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Collection of standing charges	IEC 62055-31
3677	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Continuous Magnetic Induction of external origin	IEC 62055-31
3678	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	IEC 62055-31
3679	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	IS 15884
3680	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Damped oscillatory waves immunity test	IEC 62055-31
3681	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	DC and even harmonics in AC current circuit	IEC 62055-31
3682	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Dry Heat Test	IEC 62055-31
3683	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Dry Heat Test	IS 15884
3684	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Frequency Variation	IEC 62055-31



# National Accreditation Board for Testing and Calibration Laboratories

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3685	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General mechanical requirements, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device, Token carrier interface, Keypad Interference)	IS 15884
3686	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device, Token carrier interface)	IEC 62055-31
3687	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	General requirements- Mechanical and electrical characteristics	IS 15884
3688	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	General requirements- Mechanical and electrical characteristics	IEC 62055-31
3689	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	General requirements-Optical characteristics	IEC 62055-31
3690	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	General requirements-Optical characteristics	IS 15884
3691	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Harmonic component in the current and voltage circuit	IEC 62055-31



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3692	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	IEC 62055-31
3693	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	IS 15884
3694	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	i. Voltage Variation	IS 15884
3695	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	ii. Frequency Variation	IS 15884
3696	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	iii. Waveform 10% of third harmonic in current	IS 15884
3697	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	IEC 62055-31
3698	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	IS 15884
3699	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	IEC 62055-31
3700	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	IS 15884
3701	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	IS 15884
3702	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	IEC 62055-31



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3703	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	IS 15884
3704	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	iv. Reverse Ph. Sequence	IS 15884
3705	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Keypad Interface	IEC 62055-31
3706	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Keypad Interface	IS 15884
3707	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IEC 62055-31
3708	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IS 15884
3709	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Magnetic induction of external origin	IEC 62055-31
3710	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Marking of Meters	IEC 62055-31
3711	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Marking of Meters	IS 15884
3712	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Odd harmonics in current circuit	IEC 62055-31
3713	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Operation of accessories	IEC 62055-31



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3714	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Performance Requirements For Payment Meters With Load Switching Utilization Categories UC1, UC2, UC3 & UC4	IEC 62055-31
3715	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Performance Requirements For Payment Meters With Load Switching Utilization Categories UC1, UC2, UC3 & UC4	IS 15884
3716	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Protection against penetration of dust and water	IEC 62055-31
3717	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Protection against penetration of dust and water	IS 15884
3718	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Repeatability of error test	IS 15884
3719	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Reversed Ph. Sequence	IEC 62055-31
3720	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IEC 62055-31
3721	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IS 15884
3722	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Shock Test	IEC 62055-31
3723	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Shock Test	IS 15884



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3724	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 62055-31
3725	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Spring Hammer Test	IS 15884
3726	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Starting Conditions	IEC 62055-31
3727	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Starting Conditions	IS 15884
3728	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Startup Test	IEC 62055-31
3729	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Startup Test	IS 15884
3730	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Sub-harmonics in current circuit	IEC 62055-31
3731	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Surge Test	IEC 62055-31
3732	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Surge Test	IS 15884
3733	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of consumption based charging functions	IEC 62055-31
3734	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of consumption based charging functions	IS 15884



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3735	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	IEC 62055-31
3736	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	IS 15884
3737	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of influence of short-time over currents	IEC 62055-31
3738	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of influence of short-time over currents	IS 15884
3739	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of influence of heating	IEC 62055-31
3740	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of influence of heating	IS 15884
3741	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of Influence of self-heating	IEC 62055-31
3742	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of Influence of self-heating	IS 15884
3743	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of Influence Quantities	IEC 62055-31
3744	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of Influence Quantities	IS 15884
3745	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of Load switch	IS 15884



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3746	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of meter constant	IEC 62055-31
3747	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of meter constant	IS 15884
3748	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of Power consumption	IEC 62055-31
3749	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of Power consumption	IS 15884
3750	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of resistance to heat and fire	IEC 62055-31
3751	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of resistance to heat and fire	IS 15884
3752	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of Time-Based charging functions	IS 15884
3753	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	v. Voltage unbalance	IS 15884
3754	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	vi. Continuous Magnetic Induction of external origin 67mT	IS 15884
3755	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Vibration Test	IEC 62055-31
3756	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Vibration Test	IS 15884



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3757	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	vii. Continuous 'abnormal' Magnetic Induction of external origin 0.2T	IS 15884
3758	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Viii. Magnetic induction of external origin 0.5 mT	IS 15884
3759	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Voltage unbalance	IEC 62055-31
3760	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Voltage Variation	IEC 62055-31
3761	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	xii. Operation of accessories	IS 15884
3762	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	xiii. dc and even harmonics in the ac current circuit	IS 15884
3763	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	'Abnormal' ac magnetic induction of external origin	"IS 16444 (Part 2)"
3764	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IS 16444 (Part 1)"
3765	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IS 16444 (Part 2)"
3766	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IEC 62052-31
3767	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Ambient Temperature Influence	"IS 16444 (Part 2)"



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3768	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Ambient Temperature Influence	IS 16444 (Part 1)
3769	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Ambient Temperature Influence	OIML R 46-1/-2
3770	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Cold Test	"IS 16444 (Part 1)"
3771	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Cold Test	"IS 16444 (Part 2)"
3772	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Cold Test	OIML R 46-1/-2
3773	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Conformance to protocol implementation as per DLMS/COSEM base standards; IEC 62056 Conformance to protocol Implementation of specific requirements related to : All mandatory parameters All data types All application associations with specified services Association objects with access rights and OBIS codes Events related to DLMS objects with event identifiers	IS 15959 (Part 1) IEC 62056
3774	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Continuous Magnetic Induction of external origin	OIML R 46-1/-2
3775	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	"IS 16444 (Part 1)"
3776	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	"IS 16444 (Part 2)"



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3777	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	IEC 62052-31
3778	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Damp Heat Cyclic Test	OIML R 46-1/-2
3779	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Damped oscillatory waves immunity test	OIML R 46-1/-2
3780	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Data Exchange for Electricity Meter Reading, Tariff and Load Control - Companion Specification Part 2 Smart Meter	IS 15959 (Part 2)
3781	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Data Exchange for Electricity Meter Reading, Tariff and Load Control - Companion Specification Part 3 Smart Meter	IS 15959 (Part 3)
3782	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Data Exchange Protocol	"IS 16444 (Part 1)"
3783	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Data Exchange Protocol	"IS 16444 (Part 2)"
3784	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	DC and even harmonics in AC current circuit	OIML R 46-1/-2
3785	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Dry Heat Test	"IS 16444 (Part 1)"
3786	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Dry Heat Test	"IS 16444 (Part 2)"



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3787	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Dry Heat Test	OIML R 46-1/-2
3788	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Durability	BS EN 62059-32-1
3789	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Durability	IEC 62059-32-1
3790	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Durability	OIML R 46-1/-2
3791	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Frequency Variation	OIML R 46-1/-2
3792	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	General & Constructional Requirement/ Mechanical Requirements (General, Meter case, Window, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Clearance and Creepage distances, Insulating encased meter, Display of measured values, Output Device, Token carrier interface)	IEC 62052-31
3793	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	General & Constructional Requirement/ Metering Requirement (General, Meter case, Window, Communication module, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Insulating encased meter, Clearance and Creepage distances, Display of values, Output Device)	"IS 16444 (Part 2)"



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3794	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	General & Constructional Requirement/ Metering Requirements (General, Meter case, Window, Communication module, Load switch, Terminals, Terminal Block and Protective earth Terminal, Terminal Cover, Insulating encased meter, Clearance and Creepage distances, Display of measured values, Output Device)	"IS 16444 (Part 1)"
3795	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	General requirements- Mechanical and electrical characteristics	"IS 16444 (Part 1)"
3796	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Harmonic component in the current and voltage circuit	OIML R 46-1/-2
3797	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Harmonics in the AC current circuit	OIML R 46-1/-2
3798	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	"IS 16444 (Part 1)"
3799	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	"IS 16444 (Part 2)"
3800	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Heat deflection test/ Deflection temperature test	IEC 62052-31
3801	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	High-order Harmonics	OIML R 46-1/-2
3802	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	I, ii). Voltage Variation	"IS 16444 (Part 2)"



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3803	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	i. Voltage Variation	"IS 16444 (Part 1)"
3804	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	ii. Frequency Variation	"IS 16444 (Part 1)"
3805	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	iii, iv). Frequency Variation	"IS 16444 (Part 2)"
3806	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	iii. Waveform 10% of third harmonic in current	"IS 16444 (Part 1)"
3807	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	"IS 16444 (Part 1)"
3808	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	"IS 16444 (Part 2)"
3809	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	IEC 62052-31
3810	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Impulse voltage test/ Test of Insulation properties	OIML R 46-1/-2
3811	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	"IS 16444 (Part 1)"
3812	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	"IS 16444 (Part 2)"
3813	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Influence of supply voltage/ voltage dips and interruptions	OIML R 46-1/-2



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3814	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	"IS 16444 (Part 1)"
3815	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	"IS 16444 (Part 2)"
3816	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IS 16444 (Part 1)"
3817	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IS 16444 (Part 2)"
3818	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	iv. Reversed Ph. Sequence	IS 16444 (Part 1)
3819	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	ix). Phase of Auxiliary supply voltage by 120 degree	"IS 16444 (Part 2)"
3820	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IS 16444 (Part 1)
3821	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IS 16444 (Part 2)
3822	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	OIML R 46-1/-2
3823	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Load Balance	OIML R 46-1/-2
3824	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Load switching capability	"IS 16444 (Part 1)"



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3825	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Magnetic induction of external origin	OIML R 46-1/-2
3826	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Marking of Meters	IEC 62052-31
3827	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Marking of Meters	OIML R 46-1/-2
3828	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Marking of Smart Meters	"IS 16444 (Part 1)"
3829	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Marking of Smart Meters	"IS 16444 (Part 2)"
3830	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Performance Requirements For Payment Meters With Load Switching Utilization Categories UC1, UC2, UC3 & UC4	"IS 16444 (Part 1)"
3831	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Phase interrupted	OIML R 46-1/-2
3832	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Protection against penetration of dust and water	"IS 16444 (Part 1)"
3833	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Protection against penetration of dust and water	"IS 16444 (Part 2)"
3834	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Protection against penetration of dust and water	IEC 62052-31



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3835	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Protection against penetration of dust and water	OIML R 46-1/-2
3836	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Repeatability of error test	"IS 16444 (Part 2)"
3837	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Repeatability of error test	IS 16444 (Part 1)
3838	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Reverse Ph. Sequence	OIML R 46-1/-2
3839	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IS 16444 (Part 2)"
3840	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IS 16444 (Part 1)
3841	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	OIML R 46-1/-2
3842	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Shock Test	"IS 16444 (Part 1)"
3843	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Shock Test	"IS 16444 (Part 2)"
3844	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Shock Test	OIML R 46-1/-2
3845	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Smart Meter Communicability	"IS 16444 (Part 1)"



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3846	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Smart Meter Communicability	"IS 16444 (Part 2)"
3847	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Smart Meter Functional Requirements	"IS 16444 (Part 1)"
3848	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Smart Meter Functional Requirements	"IS 16444 (Part 2)"
3849	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Spring Hammer Test	"IS 16444 (Part 1)"
3850	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Spring Hammer Test	"IS 16444 (Part 2)"
3851	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 62052-31
3852	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Starting Conditions	IS 16444 (Part 1)
3853	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Starting Conditions	IS 16444 (Part 2)
3854	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Starting Conditions	OIML R 46-1/-2
3855	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Startup Test	"IS 16444 (Part 2)"
3856	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Startup Test	IS 16444 (Part 1)



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3857	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Startup Test	OIML R 46-1/-2
3858	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Sub-harmonics in current circuit	OIML R 46-1/-2
3859	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Surge immunity test	"IS 16444 (Part 2)"
3860	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Surge Test	"IS 16444 (Part 1)"
3861	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Surge Test	OIML R 46-1/-2
3862	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of Display	"IS 16444 (Part 1)"
3863	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of Display	"IS 16444 (Part 2)"
3864	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	"IS 16444 (Part 2)"
3865	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	IEC 62052-31
3866	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	IS 16444 (Part 1)
3867	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Test of immunity to earth/phase fault	OIML R 46-1/-2



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3868	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of influence of short-time over currents	"IS 16444 (Part 1)"
3869	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of influence of short-time over currents	"IS 16444 (Part 2)"
3870	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Test of influence of short-time over currents	IEC 62052-31
3871	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Test of influence of short-time over currents	OIML R 46-1/-2
3872	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of influence of heating	"IS 16444 (Part 2)"
3873	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Test of influence of heating	IEC 62052-31
3874	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of influence of heating	IS 16444 (Part 1)
3875	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IS 16444 (Part 2)"
3876	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Test of Influence of self-heating	IEC 62052-31
3877	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of Influence of self-heating	IS 16444 (Part 1)
3878	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Test of Influence of self-heating	OIML R 46-1/-2



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3879	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of Influence Quantities	"IS 16444 (Part 2)"
3880	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of Influence Quantities	IS 16444 (Part 1)
3881	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Test of Influence Quantities	OIML R 46-1/-2
3882	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of meter constant	"IS 16444 (Part 1)"
3883	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of meter constant	IS 16444 (Part 2)
3884	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Test of meter constant	OIML R 46-1/-2
3885	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of Power consumption	"IS 16444 (Part 1)"
3886	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of Power consumption	"IS 16444 (Part 2)"
3887	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of resistance to heat and fire	"IS 16444 (Part 1)"
3888	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of resistance to heat and fire	"IS 16444 (Part 2)"
3889	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Test of resistance to heat and fire	IEC 62052-31



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3890	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Tilt	OIML R 46-1/-2
3891	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	v). Waveform 10% of third harmonic in current	"IS 16444 (Part 2)"
3892	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	v. Voltage unbalance	IS 16444 (Part 1)
3893	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	vi). Reversed Ph. Sequence	"IS 16444 (Part 2)"
3894	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	vi. DC and even harmonics in AC current circuit	"IS 16444 (Part 1)"
3895	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Vibration Test	"IS 16444 (Part 1)"
3896	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Vibration Test	"IS 16444 (Part 2)"
3897	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Vibration Test	OIML R 46-1/-2
3898	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	vii). Voltage unbalance	"IS 16444 (Part 2)"
3899	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	vii. Continuous Magnetic Induction of external origin	"IS 16444 (Part 1)"
3900	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	viii). Auxiliary Voltage	"IS 16444 (Part 2)"



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3901	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	viii. Magnetic induction of external origin	"IS 16444 (Part 1)"
3902	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Voltage Variation	OIML R 46-1/-2
3903	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	x). Continuous Magnetic Induction of external origin	"IS 16444 (Part 2)"
3904	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	x. Operation of accessories	IS 16444 (Part 1)
3905	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	xi). Magnetic induction of external origin	"IS 16444 (Part 2)"
3906	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	xi. Continuous 'abnormal' Magnetic Induction of external origin	"IS 16444 (Part 1)"
3907	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	xii. 'Abnormal' ac magnetic induction of external origin	"IS 16444 (Part 1)"
3908	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	xiii). Operation of accessories	"IS 16444 (Part 2)"
3909	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	xiv). Continuous 'abnormal' Magnetic Induction of external origin	"IS 16444 (Part 2)"
3910	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Continuous excessive inputs	IEC 60688
3911	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Current and phase angle transducers	IEC 60688 (Edition 3)



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3912	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Excessive inputs of short duration	IEC 60688
3913	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Impulse Voltage Test	IEC 60688
3914	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Limiting condition of operation	IEC 60688
3915	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Limiting conditions for storage and transport	IEC 60688
3916	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Limiting value of the output signal	IEC 60688
3917	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Permissible Limits of intrinsic error & class index	IEC 60688
3918	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Response time	IEC 60688
3919	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Ripple content of output	IEC 60688
3920	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Sealing	IEC 60688
3921	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Shock test	IEC 60688
3922	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Test for Temperature rise	IEC 60688



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3923	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to ambient temperature	IEC 60688
3924	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to auxiliary supply frequency	IEC 60688
3925	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to auxiliary supply voltage	IEC 60688
3926	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to common mode interference	IEC 60688
3927	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to continuous operation	IEC 60688
3928	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to distortion of input quantity	IEC 60688
3929	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to frequency of the input quantity	IEC 60688
3930	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to input current	IEC 60688
3931	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to input voltage	IEC 60688
3932	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to interaction between the measuring circuits	IEC 60688
3933	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to magnetic field of external origin	IEC 60688



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3934	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to output load	IEC 60688
3935	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to over range of measured quantity	IEC 60688
3936	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to power factor	IEC 60688
3937	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to self-heating	IEC 60688
3938	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to series mode interference	IEC 60688
3939	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to unbalance currents	IEC 60688
3940	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Vibration test	IEC 60688
3941	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Voltage test, Insulation tests	IEC 60688
3942	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Voltage, frequency, power (active & reactive), power factor	IEC 60688 (Edition 3)
3943	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Composite Insulators for Indoor & Outdoor	Multiple stress test 5000 hrs	IEC/TR 62730
3944	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Composite Insulators for Indoor & Outdoor	Tracking and erosion 1000 hrs salt fog	IEC 62217
3945	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Dry Power Frequency Voltage Flashover Test	IEC 60060 - 1



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3946	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Dry Power Frequency Voltage Flashover Test	IS 2071 - 1
3947	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Dry Power Frequency Voltage Withstand Test	IEC 60060 - 1
3948	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Dry Power Frequency Voltage Withstand Test	IS 2071 - 1
3949	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Lightning Impulse Voltage Flashover Test	IEC 60060 - 2
3950	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Lightning Impulse Voltage Flashover Test	IS 2071 - 2
3951	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Lightning Impulse Voltage Withstand Test	IEC 60060 - 1
3952	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Radio Interference voltage test	IEC 61284
3953	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Switching Impulse Voltage Flashover Test (Dry / Wet)	IEC 60060 - 1
3954	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Switching Impulse Voltage Flashover Test (Dry / Wet)	IS 2071 - 1
3955	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 60060 - 1
3956	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Switching Impulse Voltage Withstand Test (Dry / Wet)	IS 2071 - 1
3957	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Visible corona test	IEC 60060 - 1
3958	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Visible corona test	IS 2071 - 1
3959	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Visible Corona Test	IEC 61284
3960	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Wet Power Frequency Voltage Flashover Test	IEC 60060 - 1
3961	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Wet Power Frequency Voltage Flashover Test	IS 2071 - 1
3962	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Wet Power Frequency Voltage Withstand Test	IEC 60060 - 1
3963	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Wet Power Frequency Voltage Withstand Test	IS 2071 - 1
3964	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Lightning Impulse Voltage Withstand Test	IS 2071 - 1



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3965	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Metal Enclosed Appratus	Lightning Impulse Voltage Test	IEC 60060 - 1
3966	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Metal Enclosed Appratus	Dry Power frequency Voltage test	IEC 60060 - 1
3967	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Metal Enclosed Appratus	Wet Power Frequency Voltage test	IEC 60060 - 1
3968	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Stator Coill	Lightning Impulse Voltage withstand test on interturn insulation	IEC 60034-15
3969	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Stator Coill	Lightning Impulse Voltage withstand test on interturn insulation	IS 14222
3970	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Stator Coill	Lightning Impulse Voltage withstand test on main insulation	IS 14222
3971	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Stator Coill	Power Frequency voltage withstand test	IEC 60034-15
3972	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Stator Coill	Power Frequency voltage withstand test	IS 14222
3973	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Stator Coill	Lightning Impulse Voltage withstand test on main insulation	IEC 60034-15
3974	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Check of core and frame insulation	IEC 60076 (Part 1)
3975	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Conservator for non-sealed type transformers	IS 1180 (Part 3)
3976	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Determination of sound levels	IS 1180 (Part 3)
3977	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Ester liquid leakage test	IS 1180 (Part 3)
3978	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Fittings	IS 1180 (Part 3)
3979	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Induced over-voltage withstand test	IS 1180 (Part 3)
3980	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Insulation of auxiliary wiring (AuxW)	IEC 60076 (part 3)
3981	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Insulation of auxiliary wiring (AuxW)	IS 2026 (part 3)



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3982	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Leak testing with pressure for liquid immersed transformers (tightness test)	IEC 60076 (Part 1)
3983	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Insulation resistance	IS 1180 (Part 3)
3984	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of No-load current at 112.5 % of voltage	IS 1180 (Part 3)
3985	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of No-load loss and current	IS 1180 (Part 3)
3986	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Short-circuit impedance and load loss at 50 percent and 100 percent load	IS 1180 (Part 3)
3987	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Minimum clearance in Air	IS 1180 (Part 3)
3988	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Mounting Arrangement	IS 1180 (Part 3)
3989	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Permissible flux density and over fluxing	IS 1180 (Part 3)
3990	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Pressure test (routine test)	IS 1180 (Part 3)
3991	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Pressure test (Type test)	IS 1180 (Part 3)
3992	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Separate-source voltage withstand test	IS 1180 (Part 3)
3993	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Temperature rise test	IS 1180 (Part 3)
3994	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Tests on on-load tap-changers - Operation test	IEC 60076 (Part 1)
3995	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Tests on on-load tap-changers - Operation test	IS 2026 (Part 1)
3996	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Voltage ratio and check of phase displacement	IS 1180 (Part 3)
3997	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Applied voltage test	IS 2026 (Part 11)
3998	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Induce voltage withstand test	IS 2026 (Part 11)
3999	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of No-load loss and current	IS 2026 (Part 11)



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4000	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Short-circuit impedance and load loss	IS 2026 (Part 11)
4001	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Winding resistance	IS 2026 (Part 11)
4002	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Temperature rise test	IS 2026 (Part 11)
4003	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Voltage ratio and check of phase displacement	IS 2026 (Part 11)
4004	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Ferro resonance test	IEC 61869 (Part 5)
4005	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Ferro resonance test	IS 3156 (Part 4) (withdrawn)
4006	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Measurement of dielectric dissipation factor / Measurement of capacitance and dielectric dissipation factor	IEC 61869 (Part 1)
4007	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Measurement of dielectric dissipation factor / Measurement of capacitance and dielectric dissipation factor	IEC 61869 (Part 5)
4008	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Measurement of dielectric dissipation factor / Measurement of capacitance and dielectric dissipation factor	IS 16227 (part 1)
4009	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Measurement of dielectric dissipation factor / Measurement of capacitance and dielectric dissipation factor	IS 16227 (Part 5)
4010	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Measurement of dielectric dissipation factor / Measurement of capacitance and dielectric dissipation factor	IS 3156 (Part 4) (withdrawn)
4011	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Partial discharge measurement	IEC 61869 (Part 1)
4012	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Partial discharge measurement	IEC 61869 (Part 5)
4013	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Partial discharge measurement	IS 16227 (part 1)
4014	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Partial discharge measurement	IS 16227 (Part 5)



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4015	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Partial discharge measurement	IS 3156 (Part 1) (withdrawn)
4016	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Partial discharge measurement	IS 3156 (Part 4) (withdrawn)
4017	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Power frequency tests	IEC 61869 (Part 1)
4018	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Power frequency tests	IEC 61869 (Part 5)
4019	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Power frequency tests	IS 16227 (Part 1)
4020	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Power frequency tests	IS 16227 (Part 5)
4021	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Power frequency tests	IS 3156 (Part 4) (withdrawn)
4022	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Temperature rise test	IEC 61869 (Part 1)
4023	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Temperature rise test	IEC 61869 (Part 5)
4024	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Temperature rise test	IS 16227 (part 1)
4025	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Temperature rise test	IS 16227 (Part 5)
4026	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Temperature rise test	IS 3156 (Part 1) (withdrawn)
4027	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Temperature rise test	IS 3156 (Part 4) (withdrawn)
4028	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Test for accuracy	IEC 61869 (Part 5)
4029	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Test for accuracy	IS 16227 (Part 5)
4030	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Test for accuracy	IS 3156 (Part 4) (withdrawn)
4031	ELECTRICAL- INDUCTORS & TRANSFORMERS	Capacitive voltage transformers (CVT)	Ferro resonance test	IS 16227 (Part 5)
4032	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Impulse Voltage Test on Primary Terminal	IEC 61869-4
4033	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Impulse Voltage Test on Primary Terminal	IS 16227-4



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4034	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Chopped impulse voltage withstand test on primary terminals	IEC 61869-4
4035	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Chopped impulse voltage withstand test on primary terminals	IS 16227-4
4036	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Electromagnetic Compatibility tests(RIV)	IEC 61869-4
4037	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Electromagnetic Compatibility tests(RIV)	IS 16227-4
4038	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Multiple chopped impulse test on primary terminals	IEC 61869-4
4039	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Multiple chopped impulse test on primary terminals	IS 16227-4
4040	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Power-frequency voltage withstand tests on primary terminals	IEC 61869-4
4041	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Power-frequency voltage withstand tests on primary terminals	IS 16227-4
4042	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Switching impulse voltage test	IEC 61869-4
4043	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Switching impulse voltage test	IS 16227-4
4044	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Transmitted overvoltage test	IEC 61869-4
4045	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Transmitted overvoltage test	IS 16227-4
4046	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Visible Corona Test	IEC 60060 - 1
4047	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Visible Corona Test	IS 2071-1
4048	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Wet test for outdoor type transformers	IEC 61869-4
4049	ELECTRICAL- INDUCTORS & TRANSFORMERS	CT PT Combined Unit	Wet test for outdoor type transformers	IS 16227-4
4050	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Impulse Voltage Test on Primary Terminal	IEC 61869-2



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4051	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Impulse Voltage Test on Primary Terminal	IEEE C.57.13
4052	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Impulse Voltage Test on Primary Terminal	IS 16227-2
4053	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Chopped impulse voltage withstand test on primary terminals	IEC 61869-2
4054	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Chopped impulse voltage withstand test on primary terminals	IEEE C.57.13
4055	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Chopped impulse voltage withstand test on primary terminals	IS 16227-2
4056	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Chopped impulse voltage withstand test on primary terminals	IS 2705-1 (withdrawn)
4057	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Electromagnetic Compatibility tests(RIV)	IEC 61869-2
4058	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Electromagnetic Compatibility tests(RIV)	IS 16227-2
4059	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Measurement of dielectric dissipation factor / Measurement of capacitance and dielectric dissipation factor	IEC 61869 (Part 1)
4060	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Measurement of dielectric dissipation factor / Measurement of capacitance and dielectric dissipation factor	IEC 61869 (Part 2)
4061	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Measurement of dielectric dissipation factor / Measurement of capacitance and dielectric dissipation factor	IS 16227 (part 1)
4062	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Measurement of dielectric dissipation factor / Measurement of capacitance and dielectric dissipation factor	IS 16227 (Part 2)
4063	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Measurement of dielectric dissipation factor / Measurement of capacitance and dielectric dissipation factor	IS 2705 (Part 1) (withdrawn)
4064	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Multiple chopped impulse test on primary terminals	IEC 61869-2



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4065	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Multiple chopped impulse test on primary terminals	IS 16227-2
4066	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Partial discharge measurement	IEC 61869 (Part 2)
4067	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Partial discharge measurement	IEC 61869 (Part 4)
4068	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Partial discharge measurement	IS 16227 (part 1)
4069	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Partial discharge measurement	IS 16227 (Part 2)
4070	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Partial discharge measurement	IS 16227 (Part 4)
4071	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Partial discharge measurement	IS 2705 (Part 1) (withdrawn)
4072	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Power-frequency voltage withstand tests on primary terminals	IEC 61869-1
4073	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Power-frequency voltage withstand tests on primary terminals	IEC 61869-2
4074	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Power-frequency voltage withstand tests on primary terminals	IEEE C.57.13
4075	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Power-frequency voltage withstand tests on primary terminals	IS 16227-2
4076	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Switching impulse voltage test on the primary winding	IEEE C.57.13
4077	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Switching impulse voltage test	IEC 61869-2
4078	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Switching impulse voltage test	IS 16227-2
4079	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Switching impulse voltage test	IS 2705-1 (withdrawn)
4080	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Thermal stability test	IEEMA- 22
4081	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Transmitted overvoltage test	IEC 61869-2



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4082	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Transmitted overvoltage test	IEEE C.57.13
4083	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Transmitted overvoltage test	IS 16227-2
4084	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Visible Corona Test	IEC 60060 - 1
4085	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Visible Corona Test	IS 2071-1
4086	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Wet test for outdoor type transformers	IEC 61869-2
4087	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Wet test for outdoor type transformers	IEEE C.57.13
4088	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer	Wet test for outdoor type transformers	IS 16227-2
4089	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Partial discharge measurement	IEC 61869 (Part 1)
4090	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Power-frequency voltage withstand tests on primary terminals	IEC 61869 (Part 1)
4091	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Power-frequency voltage withstand tests on primary terminals	IEC 61869 (Part 2)
4092	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Power-frequency voltage withstand tests on primary terminals	IS 16227 (part 1)
4093	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current transformer	Power-frequency voltage withstand tests on primary terminals	IS 16227 (Part 2)
4094	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Impulse Voltage Test on Primary Terminal	IS 16227-1
4095	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Chopped impulse voltage withstand test on primary terminals	IEC 61869-1
4096	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Chopped impulse voltage withstand test on primary terminals	IS 16227-1
4097	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Electromagnetic Compatibility tests(RIV)	IEC 61869-1
4098	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Electromagnetic Compatibility tests(RIV)	IS 16227-1



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4099	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Impulse Voltage Test on Primary Terminal	IEC 61869-1
4100	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Lightning Impulse Test	IS 2705-1 (withdrawn)
4101	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Multiple chopped impulse test on primary terminals	IEC 61869-1
4102	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Multiple chopped impulse test on primary terminals	IS 16227-1
4103	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Power-frequency voltage withstand tests on primary terminals	IS 16227-1
4104	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Power-frequency voltage withstand tests on primary terminals	IS 2705-1 (withdrawn)
4105	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Switching impulse voltage test	IEC 61869-1
4106	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Switching impulse voltage test	IS 16227-1
4107	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Transmitted overvoltage test	IEC 61869-1
4108	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Transmitted overvoltage test	IS 16227-1
4109	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Wet test for outdoor type transformers	IEC 61869-1
4110	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Wet test for outdoor type transformers	IS 16227-1
4111	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Wet test for outdoor type transformers	IS 2705-1 (withdrawn)
4112	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Accuracy test	IEC 61869 (Part 2)
4113	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Accuracy test	IEC 61869 (part 4)
4114	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Accuracy test	IS 16227 (part 2)
4115	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Accuracy test	IS 16227 (part 4)
4116	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Accuracy test	IS 2705 (Part 2 and 3) withdrawn



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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4117	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Composite error Measurement	IEC 61869 (Part 2)
4118	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Composite error Measurement	IEC 61869 (part 4)
4119	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Composite error Measurement	IS 16227 (part 2)
4120	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Composite error Measurement	IS 16227 (part 4)
4121	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Composite error Measurement	IS 2705 (Part 3) withdrawn
4122	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 1)
4123	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 1)
4124	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 2)
4125	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 4)
4126	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 4)
4127	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 1)
4128	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 1)
4129	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 2)
4130	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 4)
4131	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 4)
4132	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 2705 (Part 1) withdrawn
4133	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 2705 (Part 1) withdrawn
4134	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Instrument security factor	IEC 61869 (Part 2)
4135	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Instrument security factor	IEC 61869 (part 4)



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4136	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Instrument security factor	IS 16227 (part 2)
4137	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Instrument security factor	IS 16227 (part 4)
4138	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Instrument security factor	IS 2705 (Part 2) withdrawn
4139	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Interturn overvoltage test	IEC 61869 (Part 2)
4140	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Interturn overvoltage test	IEC 61869 (part 4)
4141	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Interturn overvoltage test	IS 16227 (part 2)
4142	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Interturn overvoltage test	IS 16227 (part 4)
4143	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Interturn overvoltage test	IS 2705 (Part 1) withdrawn
4144	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of Knee point voltage and excitation current	IEC 61869 (Part 2)
4145	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of Knee point voltage and excitation current	IEC 61869 (part 4)
4146	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of Knee point voltage and excitation current	IS 16227 (part 2)
4147	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of Knee point voltage and excitation current	IS 16227 (part 4)
4148	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of Knee point voltage and excitation current	IS 2705 (Part 4) withdrawn
4149	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of winding resistance	IEC 61869 (Part 2)
4150	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of winding resistance	IEC 61869 (part 4)
4151	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of winding resistance	IS 16227 (part 2)
4152	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of winding resistance	IS 16227 (part 4)
4153	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of winding resistance	IS 2705 (Part 4) withdrawn
4154	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Partial discharge test	IEC 61869 (part 1)



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4155	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Partial discharge test	IEC 61869 (part 2)
4156	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Partial discharge test	IEC 61869 (part 4)
4157	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Partial discharge test	IS 16227 (part 1)
4158	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Partial discharge test	IS 16227 (part 2)
4159	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Partial discharge test	IS 16227 (part 4)
4160	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Partial discharge test	IS 2705 (Part 1) withdrawn
4161	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Temperature rise test	IEC 61869 (part 1)
4162	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Temperature rise test	IEC 61869 (part 2)
4163	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Temperature rise test	IEC 61869 (part 4)
4164	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Temperature rise test	IS 16227 (part 1)
4165	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Temperature rise test	IS 16227 (part 2)
4166	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Temperature rise test	IS 16227 (part 4)
4167	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Temperature rise test	IS 2705 (Part 1) withdrawn
4168	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Turn Ratio error test	IEC 61869 (Part 2)
4169	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Turn Ratio error test	IEC 61869 (part 4)
4170	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Turn Ratio error test	IS 16227 (part 2)
4171	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Turn Ratio error test	IS 16227 (part 4)
4172	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Turn Ratio error test	IS 2705 (Part 4) withdrawn
4173	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Verification of Markings	IEC 61869 (part 1)



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4174	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Verification of Markings	IEC 61869 (part 2)
4175	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Verification of Markings	IEC 61869 (part 4)
4176	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Verification of Markings	IS 16227 (part 1)
4177	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Verification of Markings	IS 16227 (part 2)
4178	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Verification of Markings	IS 16227 (part 4)
4179	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Verification of Markings	IS 2705 (Part 1) withdrawn
4180	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformers	Measurement of Capacitance and Tan Delta	IEC 61869-1:2007 & 2
4181	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformers	Measurement of Capacitance and Tan Delta	IS 16227 -1 & 2
4182	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformers	Measurement of Capacitance and Tan Delta	IS 2705-1 (Withdrawn)
4183	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer	Lightning Impulse Voltage Test	IEC 60076-3
4184	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer	Lightning Impulse Voltage Test	IS 1180-1
4185	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer	Lightning Impulse Voltage Test	IS 2026-3
4186	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer/ Power Transformer/ Dry type Transformer	Measurement of Capacitance and Tan Delta	IS 2026-1
4187	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer/ Power Transformer/ Dry type Transformer	Measurement of Capacitance and Tan Delta	IEC 60076-1
4188	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer/ Power Transformer/ Dry type Transformer	Sweep Frequency Response Analysis	IEC 60076-18
4189	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Air Pressure test	CBIP publication no.: 317
4190	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Applied voltage test	IEC 60076 (Part 3)
4191	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Applied voltage test	IS 2026 (Part 3)
4192	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Conservator for non-sealed type transformers	IS 1180 (Part 1)



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4193	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Determination of sound levels	IEC 60076 (Part 10)
4194	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Determination of sound levels	IS 1180 (Part 1)
4195	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Determination of sound levels	IS 2026 (Part 10)
4196	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Fittings	IS 1180 (Part 1)
4197	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Induce voltage withstand test	IEC 60076 (Part 3)
4198	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Induce voltage withstand test	IS 2026 (Part 3)
4199	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Induced over-voltage withstand test	IS 1180 (Part 1)
4200	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of DC Insulation resistance between each winding to earth and between windings	IEC 60076 (part 1)
4201	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Insulation resistance	IS 1180 (Part 1)
4202	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Insulation resistance to earth of the windings	IS 2026 (Part 1)
4203	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of No-load current at 112.5 % of voltage	IS 1180 (Part 1)
4204	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of No-load loss and current	IEC 60076 (Part 1)
4205	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of No-load loss and current	IS 1180 (Part 1)
4206	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of No-load loss and current	IS 2026 (Part 1)
4207	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of No-load loss and current at 90% and 110% of rated voltage	IEC 60076 (Part 1)
4208	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Short-circuit impedance and load loss	IEC 60076 (Part 1)
4209	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Short-circuit impedance and load loss	IS 2026 (Part 1)



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4210	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Short-circuit impedance and load loss at 50 percent and 100 percent load	IS 1180 (Part 1)
4211	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Unbalance/Neutral current	TRANS/011
4212	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Winding resistance	IEC 60076 (Part 1)
4213	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Winding resistance	IS 1180 (Part 1)
4214	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Winding resistance	IS 1180 (Part 3)
4215	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Winding resistance	IS 2026 (Part 1)
4216	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Zero-sequence impedance(s) of three phase transformer	IEC 60076 (Part 1)
4217	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Zero-sequence impedance(s) of three phase transformer	IS 2026 (Part 1)
4218	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Minimum clearance in Air	IS 1180 (Part 1)
4219	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Mounting Arrangement	IS 1180 (Part 1)
4220	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Oil leakage test	CBIP publication no.: 317
4221	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Oil leakage test	IS 1180 (Part 1)
4222	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Permissible flux density and over fluxing	IS 1180 (Part 1)
4223	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Pressure test (routine test)	IS 1180 (Part 1)
4224	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Pressure test (Type test)	IS 1180 (Part 1)
4225	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Separate-source voltage withstand test	IS 1180 (Part 1)
4226	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Temperature rise test	IEC 60076 (Part 2)
4227	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Temperature rise test	IS 1180 (Part 1)



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4228	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Temperature rise test	IS 2026 (Part 2)
4229	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Vacuum test	CBIP publication no.: 317
4230	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of the harmonics of the No-load current	IS 2026 (Part 1)
4231	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Voltage ratio and check of phase displacement	IEC 60076 (Part 1)
4232	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Voltage ratio and check of phase displacement	IS 1180 (Part 1)
4233	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Voltage ratio and check of phase displacement	IS 2026 (Part 1)
4234	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers	Total Dry Film Paint Thickness	IS 1180 (Part 1)
4235	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers/ Dry type transformer (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Temperature rise test	IEC 62271-202
4236	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers/Dry type transformer (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Magnetic Balance test	CBIP publication no.: 317
4237	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers/Dry type transformer (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Unbalance/Neutral current	CBIP publication no.: 317
4238	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution/Power/Dry Transformer	Lightning Impulse Voltage Test	IEEE 57.12.60
4239	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution/Power/Dry Transformer	Lightning Impulse Voltage Test	IEEE 57.12.90
4240	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution/Power/Dry Transformer	Switching Impulse Voltage Test	IEEE 57.12.60
4241	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution/Power/Dry Transformer	Switching Impulse Voltage Test	IEEE 57.12.90
4242	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Applied voltage test	IEC 60076 (Part 11)
4243	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Determination of sound levels	IEC 60076 (Part 10)
4244	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Determination of sound levels	IS 2026 (Part 10)
4245	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Induce voltage withstand test	IEC 60076 (Part 11)



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4246	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Induced overvoltage withstand test	IS 11171
4247	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of acoustic sound level	IS 11171
4248	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Impedance voltage, short-circuit impedance and load loss	IS 11171
4249	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of No-load loss and current	IEC 60076 (Part 11)
4250	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of No-load loss and current	IS 11171
4251	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Short-circuit impedance and load loss	IEC 60076 (Part 11)
4252	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Winding resistance	IEC 60076 (Part 11)
4253	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Winding resistance	IS 11171
4254	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Separate-source voltage withstand test	IS 11171
4255	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Temperature rise test	IEC 60076 (Part 11)
4256	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Temperature rise test	IS 11171
4257	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Voltage ratio and check of phase displacement	IEC 60076 (Part 11)
4258	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry type distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Voltage ratio and check of phase displacement	IS 11171
4259	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry Type Transformer	Lightning Impulse Voltage Test	IEC 60076-11
4260	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry Type Transformer	Lightning Impulse Voltage Test	IEC 60076-3
4261	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry Type Transformer	Lightning Impulse Voltage Test	IS 11171
4262	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry-type transformers	Partial discharge measurement	IS 2026 (Part 11)
4263	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry-type transformers	Partial discharge measurement	IEC 60076-11



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4264	ELECTRICAL- INDUCTORS & TRANSFORMERS	Dry-type transformers	Partial discharge measurement	IS 11171(WITHDRAWN)
4265	ELECTRICAL- INDUCTORS & TRANSFORMERS	Inductors and Transformers	Impact test	IEC 61869-1
4266	ELECTRICAL- INDUCTORS & TRANSFORMERS	Inductors and Transformers	Impact test	IEC 61869-2
4267	ELECTRICAL- INDUCTORS & TRANSFORMERS	Inductors and Transformers	Impact test	IEC 61869-3
4268	ELECTRICAL- INDUCTORS & TRANSFORMERS	Inductors and Transformers	Impact test	IEC 61869-4
4269	ELECTRICAL- INDUCTORS & TRANSFORMERS	Inductors and Transformers	Impact test	IEC 61869-5
4270	ELECTRICAL- INDUCTORS & TRANSFORMERS	Inductors and Transformers	Ingress Protection (1X to 6X & X1 to X8)	IEC 61869-1
4271	ELECTRICAL- INDUCTORS & TRANSFORMERS	Inductors and Transformers	Ingress Protection (1X to 6X & X1 to X8)	IEC 61869-2
4272	ELECTRICAL- INDUCTORS & TRANSFORMERS	Inductors and Transformers	Ingress Protection (1X to 6X & X1 to X8)	IEC 61869-3
4273	ELECTRICAL- INDUCTORS & TRANSFORMERS	Inductors and Transformers	Ingress Protection (1X to 6X & X1 to X8)	IEC 61869-4
4274	ELECTRICAL- INDUCTORS & TRANSFORMERS	Inductors and Transformers	Ingress Protection (1X to 6X & X1 to X8)	IEC 61869-5
4275	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IEC 61869 (part 1)
4276	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IEC 61869 (part 3)
4277	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IEC 61869 (part 4)
4278	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IS 16227 (part 1)
4279	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IS 16227 (part 3)
4280	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IS 16227 (part 4)
4281	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IS 3156 (part 1) withdrawn
4282	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IS 3156 (part 2) withdrawn



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4283	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IS 3156 (part 3) withdrawn
4284	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 1)
4285	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 1)
4286	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 3)
4287	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 3)
4288	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 4)
4289	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 4)
4290	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 1)
4291	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 1)
4292	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 3)
4293	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 3)
4294	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 4)
4295	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 4)
4296	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 3156 (part 1) withdrawn
4297	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 3156 (part 1) withdrawn
4298	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Induced overvoltage withstand test	IEC 61869 (part 1)
4299	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Induced overvoltage withstand test	IEC 61869 (part 3)
4300	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Induced overvoltage withstand test	IEC 61869 (part 4)
4301	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Induced overvoltage withstand test	IS 16227 (part 1)



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4302	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Induced overvoltage withstand test	IS 16227 (part 3)
4303	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Induced overvoltage withstand test	IS 16227 (part 4)
4304	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Induced overvoltage withstand test	IS 3156 (part 1) withdrawn
4305	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Partial discharge test	IEC 61869 (part 1)
4306	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Partial discharge test	IEC 61869 (part 3)
4307	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Partial discharge test	IEC 61869 (part 4)
4308	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Partial discharge test	IS 16227 (part 1)
4309	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Partial discharge test	IS 16227 (part 3)
4310	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Partial discharge test	IS 16227 (part 4)
4311	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Partial discharge test	IS 3156 (Part 1) withdrawn
4312	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IEC 61869 (part 1)
4313	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IEC 61869 (part 1)
4314	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IEC 61869 (part 3)
4315	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IEC 61869 (part 3)
4316	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IEC 61869 (part 4)
4317	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IEC 61869 (part 4)
4318	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IS 16227 (part 1)
4319	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IS 16227 (part 1)
4320	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IS 16227 (part 3)



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4321	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IS 16227 (part 3)
4322	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IS 16227 (part 4)
4323	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IS 16227 (part 4)
4324	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IS 3156 (part 1) withdrawn
4325	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IS 3156 (part 1) withdrawn
4326	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Temperature rise test	IEC 61869 (part 1)
4327	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Temperature rise test	IEC 61869 (part 3)
4328	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Temperature rise test	IEC 61869 (part 4)
4329	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Temperature rise test	IS 16227 (part 1)
4330	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Temperature rise test	IS 16227 (part 3)
4331	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Temperature rise test	IS 16227 (part 4)
4332	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Temperature rise test	IS 3156 (Part 1) withdrawn
4333	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Verification of Markings	IEC 61869 (part 1)
4334	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Verification of Markings	IEC 61869 (part 3)
4335	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Verification of Markings	IEC 61869 (part 4)
4336	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Verification of Markings	IS 16227 (part 1)
4337	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Verification of Markings	IS 16227 (part 3)
4338	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Verification of Markings	IS 16227 (part 4)
4339	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Verification of Markings	IS 3156 (Part 1) withdrawn



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4340	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformer	Lightning Impulse Voltage Test	IEC 60076-3
4341	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformer	Lightning Impulse Voltage Test	IS 2026-3
4342	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformer	Switching Impulse Voltage Test	IEC 60076-3
4343	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformer	Switching Impulse Voltage Test	IS 2026-3
4344	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactor	Lightning Impulse Voltage Test	IEC 60076-4
4345	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactor	Lightning Impulse Voltage Test	IEC 60289-4 (withdrawn)
4346	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors	Lightning Impulse Voltage Test	IEC 60076-6
4347	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors	Switching Impulse Voltage Test	IEC 60076-6
4348	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors	Wet Lightning Impulse Voltage Test	IEC 60076-6
4349	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of current at all adjustment	IS 5553 (Part 7)
4350	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of impedance	IS 5553 (Part 3)
4351	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of impedance at rated continuous current	IEC 60076 (Part 6)
4352	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of impedance at rated continuous current	IS 2026 (Part 6)
4353	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of inductance	IEC 60076 (Part 6)
4354	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of inductance	IS 2026 (Part 6)
4355	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of inductance	IS 5553 (Part 4)
4356	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of inductance	IS 5553 (Part 5)
4357	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of inductance	IS 5553 (Part 8)
4358	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Insulation resistance	IS 5553 (Part 2)



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4359	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Insulation resistance	IS 5553 (Part 3)
4360	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Insulation resistance	IS 5553 (Part 4)
4361	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Insulation resistance	IS 5553 (Part 5)
4362	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Insulation resistance	IS 5553 (Part 6)
4363	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Insulation resistance	IS 5553 (Part 7)
4364	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Insulation resistance	IS 5553 (Part 8)
4365	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Insulation resistance of winding insulation to earth for liquid immersed reactor	IEC 60076 (Part 6)
4366	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Insulation resistance of winding insulation to earth for liquid immersed reactor	IS 2026 (Part 6)
4367	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of loss	IEC 60076 (Part 6)
4368	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of loss	IS 2026 (Part 6)
4369	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of loss	IS 5553 (Part 2)
4370	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of loss	IS 5553 (Part 3)
4371	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of loss	IS 5553 (Part 5)
4372	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of loss	IS 5553 (Part 6)
4373	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of loss	IS 5553 (Part 7)
4374	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of loss	IS 5553 (Part 8)
4375	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of loss and quality factor	IEC 60076 (Part 6)



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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4376	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of loss and quality factor	IS 2026 (Part 6)
4377	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of loss and quality factor	IS 5553 (Part 4)
4378	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of loss and quality factor	IS 5553 (Part 5)
4379	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of reactance	IEC 60076 (Part 6)
4380	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of reactance	IS 2026 (Part 6)
4381	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of reactance	IS 5553 (Part 2)
4382	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of voltage ratio and / or check of voltage vector relationship	IS 5553 (Part 2)
4383	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of voltage ratio and / or check of voltage vector relationship	IS 5553 (Part 6)
4384	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of voltage ratio and / or check of voltage vector relationship	IS 5553 (Part 7)
4385	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Winding resistance	IEC 60076 (Part 6)
4386	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Winding resistance	IS 2026 (Part 6)
4387	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Winding resistance	IS 5553 (Part 2)
4388	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Winding resistance	IS 5553 (Part 3)
4389	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Winding resistance	IS 5553 (Part 4)
4390	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Winding resistance	IS 5553 (Part 5)
4391	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Winding resistance	IS 5553 (Part 6)
4392	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Winding resistance	IS 5553 (Part 7)1
4393	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of Winding resistance	IS 5553 (Part 8)



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4394	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of zero-sequence impedance/ reactance	IS 5553 (Part 2)
4395	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Measurement of zero-sequence impedance/ reactance	IS 5553 (Part 6)
4396	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Separate source a.c. withstand voltage test	IEC 60076 (Part 6)
4397	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Separate source a.c. withstand voltage test	IS 2026 (Part 6)
4398	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Separate source a.c. withstand voltage test	IS 5553 (Part 2)
4399	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Separate source a.c. withstand voltage test	IS 5553 (Part 3)
4400	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Separate source a.c. withstand voltage test	IS 5553 (Part 4)
4401	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Separate source a.c. withstand voltage test	IS 5553 (Part 5)
4402	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Separate source a.c. withstand voltage test	IS 5553 (Part 6)
4403	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Separate source a.c. withstand voltage test	IS 5553 (Part 7)
4404	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Separate source a.c. withstand voltage test	IS 5553 (Part 8)
4405	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Temperature rise test	IEC 60076 (Part 6)
4406	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Temperature rise test	IS 2026 (Part 6)
4407	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Temperature rise test	IS 5553 (Part 2)
4408	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Temperature rise test	IS 5553 (Part 3)
4409	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Temperature rise test	IS 5553 (Part 4)
4410	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Temperature rise test	IS 5553 (Part 5)
4411	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Temperature rise test	IS 5553 (Part 6)
4412	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Temperature rise test	IS 5553 (Part 7)



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4413	ELECTRICAL- INDUCTORS & TRANSFORMERS	Reactors (0.01 A to 2000 Amps & 1 V to 3.3 kV)	Temperature rise test	IS 5553 (Part 8)
4414	ELECTRICAL- INDUCTORS & TRANSFORMERS	Tap Changer	Applied voltage test	IEC 60214 (Part 1)
4415	ELECTRICAL- INDUCTORS & TRANSFORMERS	Tap Changer	Partial discharge measurement	IEC 60214 (Part 1)
4416	ELECTRICAL- INDUCTORS & TRANSFORMERS	Transformer	Adhesion by tape test	ASTM D3359
4417	ELECTRICAL- INDUCTORS & TRANSFORMERS	Transformer	Paint Adhesion	IS 1180-1
4418	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Transmitted overvoltage test	IEEE C.57.13
4419	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Impulse Voltage Test on Primary Terminal	IEC 61869-3
4420	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Impulse Voltage Test on Primary Terminal	IEC 61869-5
4421	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Impulse Voltage Test on Primary Terminal	IEEE C.57.13
4422	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Impulse Voltage Test on Primary Terminal	IS 16227-3
4423	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Impulse Voltage Test on Primary Terminal	IS 16227-5
4424	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Chopped impulse voltage withstand test on primary terminals	IEC 61869-3
4425	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Chopped impulse voltage withstand test on primary terminals	IEC 61869-5
4426	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Chopped impulse voltage withstand test on primary terminals	IEEE C.57.13
4427	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Chopped impulse voltage withstand test on primary terminals	IS 16227-3
4428	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Chopped impulse voltage withstand test on primary terminals	IS 16227-5
4429	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Chopped impulse voltage withstand test on primary terminals	IS 3156-1 (withdrawn)



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4430	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Electromagnetic Compatibility tests(RIV)	IEC 61869-3
4431	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Electromagnetic Compatibility tests(RIV)	IEC 61869-5
4432	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Electromagnetic Compatibility tests(RIV)	IS 16227-3
4433	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Electromagnetic Compatibility tests(RIV)	IS 16227-5
4434	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Multiple chopped impulse test on primary terminals	IEC 61869-3
4435	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Multiple chopped impulse test on primary terminals	IEC 61869-5
4436	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Multiple chopped impulse test on primary terminals	IS 16227-3
4437	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Multiple chopped impulse test on primary terminals	IS 16227-5
4438	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Power-frequency voltage withstand tests on primary terminals	IEC 61869-3
4439	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Power-frequency voltage withstand tests on primary terminals	IEC 61869-5
4440	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Power-frequency voltage withstand tests on primary terminals	IEEE C.57.13
4441	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Power-frequency voltage withstand tests on primary terminals	IS 16227-3
4442	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Power-frequency voltage withstand tests on primary terminals	IS 16227-5
4443	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Switching impulse voltage test on the primary winding	IEEE C.57.13
4444	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Switching impulse voltage test	IEC 61869-5
4445	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Switching impulse voltage test	IS 16227-5
4446	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Switching impulse voltage test	IS 3156-1 (withdrawn)



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4447	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Transmitted overvoltage test	IEC 61869-3
4448	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Transmitted overvoltage test	IEC 61869-5
4449	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Transmitted overvoltage test	IS 16227-3
4450	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Transmitted overvoltage test	IS 16227-5
4451	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Visible Corona Test	IEC 60060 - 1
4452	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Visible Corona Test	IS 2071-1
4453	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Wet test for outdoor type transformers	IEC 61869-3
4454	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Wet test for outdoor type transformers	IEC 61869-5
4455	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Wet test for outdoor type transformers	IEEE C.57.13
4456	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Wet test for outdoor type transformers	IS 16227-3
4457	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer	Wet test for outdoor type transformers	IS 16227-5
4458	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Impulse Voltage Test on Primary Terminal	IEC 61869-1
4459	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Impulse Voltage Test on Primary Terminal	IS 16227-1
4460	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Chopped impulse voltage withstand test on primary terminals	IEC 61869-1
4461	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Chopped impulse voltage withstand test on primary terminals	IS 16227-1
4462	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Electromagnetic Compatibility tests(RIV)	IEC 61869-1
4463	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Electromagnetic Compatibility tests(RIV)	IS 16227-1
4464	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Lightning Impulse Test	IS 3156-1 (withdrawn)



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4465	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Multiple chopped impulse test on primary terminals	IEC 61869-1
4466	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Multiple chopped impulse test on primary terminals	IS 16227-1
4467	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Power-frequency voltage withstand tests on primary terminals	IEC 61869-1
4468	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Power-frequency voltage withstand tests on primary terminals	IS 16227-1
4469	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Power-frequency voltage withstand tests on primary terminals	IS 3156-1 (withdrawn)
4470	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Transmitted overvoltage test	IS 16227-1
4471	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Wet test for outdoor type transformers	IEC 61869-1
4472	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Wet test for outdoor type transformers	IS 16227-1
4473	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformer/CT PT Combined Unit	Wet test for outdoor type transformers	IS 3156-1 (withdrawn)
4474	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformers	Measurement of Capacitance and Tan Delta	IEC 61869-1:2007 & 3
4475	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformers	Measurement of Capacitance and Tan Delta	IS 16227 -1:2016 & 3
4476	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Measurement of dielectric dissipation factor / Measurement of capacitance and dielectric dissipation factor	IEC 61869 (Part 3)
4477	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Measurement of dielectric dissipation factor / Measurement of capacitance and dielectric dissipation factor	IS 16227 (part 1)
4478	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Measurement of dielectric dissipation factor / Measurement of capacitance and dielectric dissipation factor	IS 16227 (Part 3)
4479	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Partial discharge measurement	IEC 61869 (Part 3)



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4480	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Partial discharge measurement	IS 16227 (part 1)
4481	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Partial discharge measurement	IEC 61869 (Part 1)
4482	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Partial discharge measurement	IEC 61869 (Part 4)
4483	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Partial discharge measurement	IS 16227 (Part 3)
4484	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Partial discharge measurement	IS 16227 (Part 4)
4485	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Partial discharge measurement	IS 3156 (Part 1) (withdrawn)
4486	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Power frequency voltage withstand tests	IEC 61869 (Part 1)
4487	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Power frequency voltage withstand tests	IEC 61869 (Part 4)
4488	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Induced AC voltage test	IEC 61869 (Part 3)
4489	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Induced AC voltage test	IEC 61869 (Part 4)
4490	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Induced AC voltage test	IS 16227 (Part 3)
4491	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Induced AC voltage test	IS 16227 (Part 4)
4492	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Induced AC voltage test	IS 3156 (Part 1) (withdrawn)
4493	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Measurement of dielectric dissipation factor / Measurement of capacitance and dielectric dissipation factor	IEC 61869 (Part 1)
4494	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Power frequency voltage withstand tests	IEC 61869 (Part 3)
4495	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Power frequency voltage withstand tests	IS 16227 (part 1)
4496	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Power frequency voltage withstand tests	IS 16227 (Part 3)
4497	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Power frequency voltage withstand tests	IS 16227 (Part 4)



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4498	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage transformers (IVT)	Power frequency voltage withstand tests	IS 3156 (Part 1) (withdrawn)
4499	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cable boot and accessories	DC voltage withstand test.	IEC 60502-4
4500	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cable boot and accessories	Impulse voltage test	IEC 60502-4
4501	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cable boot and accessories	AC voltage withstand test.	IEC 60502-4
4502	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Effect of Heat	IEC 60626-2
4503	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Effect of Heat	IS 12747 (Part 2)
4504	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Electric Breakdown Voltage (Folded & Unfolded)	IEC 60626-3
4505	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Electric Breakdown Voltage (Folded)	IS 12747 (Part 3)
4506	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Electric Breakdown Voltage (Unfolded)	IS 12747 (Part 3)
4507	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Electric strength (Folded & Unfolded)	IEC 60626-2
4508	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Electric strength (Folded)	IS 12747 (Part 2)
4509	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Electric strength (Unfolded)	IS 12747 (Part 2)
4510	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Substance	IEC 60626-2
4511	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Substance	IEC 60626-3



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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4512	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Substance	IS 12747 (Part 2)
4513	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Substance	IS 12747 (Part 3)
4514	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Tensile strength (Folded)	IS 12747 (Part 2)
4515	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Tensile strength (Folded)	IS 12747 (Part 3)
4516	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Tensile strength (Unfolded)	IS 12747 (Part 2)
4517	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Tensile strength (Unfolded)	IS 12747 (Part 3)
4518	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Tensile strength and Elongation (Folded & Unfolded)	IEC 60626-2
4519	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Tensile strength and Elongation (Folded & Unfolded)	IEC 60626-3
4520	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Thickness	IEC 60626-2
4521	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Thickness	IEC 60626-3
4522	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Thickness	IS 12747 (Part 2)
4523	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Thickness	IS 12747 (Part 3)
4524	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Elongation (Folded)	IS 12747 (Part 2)
4525	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Elongation (Folded)	IS 12747 (Part 3)



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4526	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Elongation (Unfolded)	IS 12747 (Part 2)
4527	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Combined Flexible Material	Elongation (Unfolded)	IS 12747 (Part 3)
4528	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cork composition sheet (Gasket)	Chemical test on water extract- Chloride content (Chloride Ion)	IS 4253 (Pt-2)
4529	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cork composition sheet (Gasket)	Chemical test on water extract- pH	IS 4253 (Pt-2)
4530	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cork composition sheet (Gasket)	Chemical test on water extract- Sulphate content (Sulphate Ion)	IS 4253 (Pt-2)
4531	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cork composition sheet (Gasket)	Compressibility	IS 4253 (Pt-2)
4532	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cork composition sheet (Gasket)	Compression Set	IS 4253 (Pt-2)
4533	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cork composition sheet (Gasket)	Dimensional stability (High Humidity)	IS 4253 (Pt-2)
4534	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cork composition sheet (Gasket)	Dimensional stability (Low Humidity)	IS 4253 (Pt-2)
4535	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cork composition sheet (Gasket)	Flexibility test	IS 4253 (Pt-2)
4536	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cork composition sheet (Gasket)	Fluid Resistance test	IS 4253 (Pt-2)
4537	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cork composition sheet (Gasket)	Fungus-Proofing	IS 4253 (Part 2)
4538	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cork composition sheet (Gasket)	Hardness	IS 4253 (Part 2)
4539	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cork composition sheet (Gasket)	Recovery	IS 4253 (Pt-2)



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4540	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cork composition sheet (Gasket)	Tensile Strength	IS 4253 (Pt-2)
4541	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Cork composition sheet (Gasket)	Thickness	IS 4253 (Pt-2)
4542	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Apparent density	IEC 61061-2
4543	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Apparent density	IEC 61061-3-1
4544	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Apparent density	IEC 61061-3-2
4545	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Apparent modulus of elasticity in flexure	IEC 61061-2
4546	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Apparent modulus of elasticity in flexure	IEC 61061-3-1
4547	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Apparent modulus of elasticity in flexure	IEC 61061-3-2
4548	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Compressibility	IEC 61061-2
4549	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Compressibility	IEC 61061-3-1
4550	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Compressibility	IEC 61061-3-2
4551	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Contamination of liquid dielectrics (Dissipation factor)	IEC 61061-2
4552	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Contamination of liquid dielectrics (Dissipation factor)	IEC 61061-3-1
4553	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Contamination of liquid dielectrics (Dissipation factor)	IEC 61061-3-2



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4554	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Contamination of liquid dielectrics (Neutralization Value)	IEC 61061-2
4555	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Contamination of liquid dielectrics (Neutralization Value)	IEC 61061-3-1
4556	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Contamination of liquid dielectrics (Neutralization Value)	IEC 61061-3-2
4557	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Electric Strength	IEC 61061-2
4558	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Electric Strength	IEC 61061-3-1
4559	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Electric Strength	IEC 61061-3-2
4560	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Flexural Strength	IEC 61061-3-1
4561	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Flexural Strength	IEC 61061-3-2
4562	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Flexural Strength	IEC 61061-2
4563	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Impact Strength	IEC 61061-2
4564	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Impact Strength	IEC 61061-3-1
4565	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Impact Strength	IEC 61061-3-2
4566	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Moisture Content	IEC 61061-2
4567	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Moisture Content	IEC 61061-3-1



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4568	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Moisture Content	IEC 61061-3-2
4569	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	oil Absorption	IEC 61061-2
4570	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	oil Absorption	IEC 61061-3-1
4571	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	oil Absorption	IEC 61061-3-2
4572	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Reversible parts of compressibility	IEC 61061-2
4573	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Reversible parts of compressibility	IEC 61061-3-1
4574	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Reversible parts of compressibility	IEC 61061-3-2
4575	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Shearing strength test for glue line bond	IEC 61061-2
4576	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Shearing strength test for glue line bond	IEC 61061-3-1
4577	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Shearing strength test for glue line bond	IEC 61061-3-2
4578	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Shrinkage	IEC 61061-2
4579	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Shrinkage	IEC 61061-3-1
4580	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Shrinkage	IEC 61061-3-2
4581	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Thickness	IEC 61061-2



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4582	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Thickness	IEC 61061-3-1
4583	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Thickness	IEC 61061-3-2
4584	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Breakdown Voltage	IEC 61061-2
4585	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Breakdown Voltage	IEC 61061-3-1
4586	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Densified Laminated Wood	Breakdown Voltage	IEC 61061-3-2
4587	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Acid resistance test	EN 60903
4588	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Acid resistance test	IS 13774
4589	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Ageing test	IEC 60903
4590	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Extremely low temperature resistance test	EN 60903
4591	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Extremely low temperature resistance test	IEC 60903
4592	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Extremely low temperature resistance test	IS 13774
4593	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Flame retardancy test	EN 60903
4594	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Flame retardancy test	IEC 60903
4595	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Flame retardancy test	IS 13774



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4596	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Low temperature test	EN 60903
4597	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Low temperature test	IEC 60903
4598	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Low temperature test	IS 13774
4599	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Oil resistance test	IEC 60903
4600	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Oil resistance test	IS 13774
4601	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Proof test	IEC 60903
4602	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Tensile strength & Elongation at break	IEC 60903
4603	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Acid resistance test	IEC 60903
4604	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Dimensions	IEC 60903
4605	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Oil resistance test	EN 60903
4606	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Resistance to mechanical puncture	IEC 60903
4607	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Tension set	IEC 60903
4608	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Thickness	IEC 60903
4609	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Electrical insulating gloves	Withstand test	IEC 60903



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4610	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves ofinsulating material	Ageing test	EN 60903
4611	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves ofinsulating material	Ageing test	EN 60903
4612	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves ofinsulating material	Proof test	EN 60903
4613	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves ofinsulating material	Proof test	IS 13774
4614	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves ofinsulating material	Tensile strength & Elongation at break	IS 13774
4615	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves ofinsulating material	Dimensions	EN 60903
4616	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves ofinsulating material	Dimensions	IS 13774
4617	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves ofinsulating material	Resistance to mechanical puncture	EN 60903
4618	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves ofinsulating material	Resistance to mechanical puncture	IS 13774
4619	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves ofinsulating material	Tensile strength & Elongation at break	EN 60903
4620	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves ofinsulating material	Tension set	EN 60903
4621	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves ofinsulating material	Tension set	IS 13774
4622	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves ofinsulating material	Thickness	EN 60903
4623	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves ofinsulating material	Thickness	IS 13774



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4624	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves of insulating material	Withstand test	EN 60903
4625	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Gloves of insulating material	Withstand test	IS 13774
4626	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	ac Dielectric Strength	IS: 15652
4627	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	ac Proof Voltage	IS: 15652
4628	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Color	IS: 15652
4629	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Composition	IS: 15652
4630	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Dimensions	IS: 15652
4631	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Effect of Acid, Alkalis, Diesel, and Transformer Oil on Elongation	IS: 15652
4632	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Effect of Acid, Alkalis, Diesel, and Transformer Oil on Tensile strength	IS: 15652
4633	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Elongation at break after ageing	IS: 15652
4634	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Elongation at break	IS: 15652
4635	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Extreme Low Temperature	IS: 15652
4636	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Flame Retardance	IS: 15652
4637	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Insulation Resistance	IS: 15652



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4638	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Leakage Current	IS: 15652
4639	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Low Temperature resistance	IS: 15652
4640	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Shape	IS: 15652
4641	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Tensile Strength	IS: 15652
4642	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Tensile Strength after ageing	IS: 15652
4643	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Thickness	IS: 15652
4644	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Mat	Workmanship and Finish	IS: 15652
4645	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Oils / Transformer oils	Dielectric breakdown voltage under impulse condition	ASTM D 3300
4646	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Oils / Transformer oils	Lightning impulse break down voltage test	IEC 60897
4647	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Air permeability	IEC 60554-2
4648	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Air permeability	IEC 60554-3-1
4649	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Air permeability	IEC 60554-3-2
4650	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Air permeability	IEC 60554-3-4
4651	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Air permeability	IEC 60554-3-5



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
4652	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Air permeability	IS: 9335 (Pt. 3/Sec 1)
4653	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Air permeability	IS: 9335 (Pt. 3/Sec 2)
4654	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Air permeability	IS: 9335 (Pt. 3/Sec. 4)
4655	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Air permeability	IS: 9335 (Pt. 3/Sec. 5)
4656	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Air permeability	IS: 9335 (Pt.1)
4657	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Air permeability	IS: 9335 (Pt.2)
4658	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Apparent Density	IEC 60554-2
4659	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Apparent Density	IEC 60554-3-1
4660	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Apparent Density	IEC 60554-3-2
4661	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Apparent Density	IEC 60554-3-4
4662	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Apparent Density	IEC 60554-3-5
4663	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Apparent Density	IS: 9335 (Pt. 3/Sec 1)
4664	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Apparent Density	IS: 9335 (Pt. 3/Sec 2)
4665	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Apparent Density	IS: 9335 (Pt. 3/Sec. 4)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

**Validity** 31/03/2022 to 30/03/2024

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
4666	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Apparent Density	IS: 9335 (Pt. 3/Sec. 5)
4667	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Apparent Density	IS: 9335 (Pt.1)
4668	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Apparent Density	IS: 9335 (Pt.2)
4669	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Ash Content	IEC 60554-2
4670	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Ash Content	IEC 60554-3-1
4671	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Ash Content	IEC 60554-3-2
4672	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Ash Content	IEC 60554-3-3
4673	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Ash Content	IEC 60554-3-4
4674	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Ash Content	IEC 60554-3-5
4675	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Ash Content	IS: 9335 (Pt. 3/Sec 1)
4676	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Ash Content	IS: 9335 (Pt. 3/Sec 2)
4677	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Ash Content	IS: 9335 (Pt. 3/Sec 3)
4678	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Ash Content	IS: 9335 (Pt. 3/Sec. 4)
4679	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Ash Content	IS: 9335 (Pt. 3/Sec. 5)



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4680	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Ash Content	IS: 9335 (Pt.2)
4681	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Average Viscometric Degree of polymerization (DP)	IEC 60450 Ed2.1
4682	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Conductivity of aqueous extract	IEC 60554-2
4683	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Conductivity of aqueous extract	IEC 60554-3-1
4684	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Conductivity of aqueous extract	IEC 60554-3-2
4685	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Conductivity of aqueous extract	IEC 60554-3-3
4686	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Conductivity of aqueous extract	IEC 60554-3-4
4687	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Conductivity of aqueous extract	IEC 60554-3-5
4688	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Conductivity of aqueous extract	IS: 9335 (Pt. 3/Sec 1)
4689	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Conductivity of aqueous extract	IS: 9335 (Pt. 3/Sec 2)
4690	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Conductivity of aqueous extract	IS: 9335 (Pt. 3/Sec 3)
4691	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Conductivity of aqueous extract	IS: 9335 (Pt. 3/Sec. 4)
4692	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Conductivity of aqueous extract	IS: 9335 (Pt. 3/Sec. 5)
4693	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Conductivity of aqueous extract	IS: 9335 (Pt.1)



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4694	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Conductivity of aqueous extract	IS: 9335 (Pt.2)
4695	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Dissipation factor	IEC 60554-2
4696	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Dissipation factor	IEC 60554-3-1
4697	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Dissipation factor	IEC 60554-3-2
4698	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Dissipation factor	IEC 60554-3-4
4699	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Dissipation factor	IEC 60554-3-5
4700	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Dissipation factor	IS: 9335 (Pt. 3/Sec 1)
4701	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Dissipation factor	IS: 9335 (Pt. 3/Sec 2)
4702	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Dissipation factor	IS: 9335 (Pt. 3/Sec. 4)
4703	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Dissipation factor	IS: 9335 (Pt. 3/Sec. 5)
4704	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Dissipation factor	IS: 9335 (Pt.2)
4705	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Electric Strength	IEC 60554-2
4706	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Electric Strength	IEC 60554-3-1
4707	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Electric Strength	IEC 60554-3-2



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4708	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Electric Strength	IEC 60554-3-4
4709	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Electric Strength	IEC 60554-3-5
4710	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Electric Strength	IS: 9335 (Pt. 3/Sec 1)
4711	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Electric Strength	IS: 9335 (Pt. 3/Sec 2)
4712	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Electric Strength	IS: 9335 (Pt. 3/Sec. 4)
4713	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Electric Strength	IS: 9335 (Pt. 3/Sec. 5)
4714	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Electric Strength	IS: 9335 (Pt.2)
4715	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Elongation at break	IEC 60554-2
4716	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Elongation at break	IEC 60554-3-1
4717	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Elongation at break	IEC 60554-3-2
4718	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Elongation at break	IEC 60554-3-3
4719	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Elongation at break	IEC 60554-3-4
4720	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Elongation at break	IEC 60554-3-5
4721	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Elongation at break	IS: 9335 (Pt. 3/Sec 1)



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4722	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Elongation at break	IS: 9335 (Pt. 3/Sec 2)
4723	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Elongation at break	IS: 9335 (Pt. 3/Sec 3)
4724	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Elongation at break	IS: 9335 (Pt. 3/Sec. 4)
4725	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Elongation at break	IS: 9335 (Pt. 3/Sec. 5)
4726	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Elongation at break	IS: 9335 (Pt.2)
4727	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Bursting Strength)	IEC 60554-2
4728	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Bursting Strength)	IEC 60554-3-1
4729	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Bursting Strength)	IEC 60554-3-2
4730	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Bursting Strength)	IEC 60554-3-4
4731	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Bursting Strength)	IEC 60554-3-5
4732	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Bursting Strength)	IS: 9335 (Pt. 3/Sec 1)
4733	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Bursting Strength)	IS: 9335 (Pt. 3/Sec 2)
4734	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Bursting Strength)	IS: 9335 (Pt. 3/Sec. 4)
4735	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Bursting Strength)	IS: 9335 (Pt. 3/Sec. 5)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
4736	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Bursting Strength)	IS: 9335 (Pt.2)
4737	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Conductivity)	IEC 60554-2
4738	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Conductivity)	IEC 60554-3-1
4739	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Conductivity)	IEC 60554-3-2
4740	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Conductivity)	IEC 60554-3-4
4741	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Conductivity)	IEC 60554-3-5
4742	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Conductivity)	IS: 9335 (Pt. 3/Sec 1)
4743	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Conductivity)	IS: 9335 (Pt. 3/Sec 2)
4744	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Conductivity)	IS: 9335 (Pt. 3/Sec. 4)
4745	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Conductivity)	IS: 9335 (Pt. 3/Sec. 5)
4746	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Conductivity)	IS: 9335 (Pt.2)
4747	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Tear Strength)	IEC 60554-2
4748	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Tear Strength)	IEC 60554-3-1
4749	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Tear Strength)	IEC 60554-3-2



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4750	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Tear Strength)	IEC 60554-3-4
4751	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Tear Strength)	IEC 60554-3-5
4752	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Tear Strength)	IS: 9335 (Pt. 3/Sec 1)
4753	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Tear Strength)	IS: 9335 (Pt. 3/Sec 2)
4754	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Tear Strength)	IS: 9335 (Pt. 3/Sec. 4)
4755	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Tear Strength)	IS: 9335 (Pt. 3/Sec. 5)
4756	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Heat Stability (Tear Strength)	IS: 9335 (Pt.2)
4757	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Hill Count	IEC 60554-3-3
4758	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Hill Count	IS: 9335 (Pt.3/Sec 3)
4759	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Internal tearing resistance	IEC 60554-2
4760	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Internal tearing resistance	IEC 60554-3-1
4761	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Internal tearing resistance	IEC 60554-3-2
4762	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Internal tearing resistance	IEC 60554-3-4
4763	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Internal tearing resistance	IEC 60554-3-5



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4764	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Internal tearing resistance	IS: 9335 (Pt. 3/Sec 1)
4765	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Internal tearing resistance	IS: 9335 (Pt. 3/Sec 2)
4766	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Internal tearing resistance	IS: 9335 (Pt. 3/Sec. 4)
4767	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Internal tearing resistance	IS: 9335 (Pt. 3/Sec. 5)
4768	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Internal tearing resistance	IS: 9335 (Pt.2)
4769	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Moisture Content	IEC 60554-2
4770	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Moisture Content	IEC 60554-3-1
4771	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Moisture Content	IEC 60554-3-2
4772	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Moisture Content	IEC 60554-3-3
4773	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Moisture Content	IEC 60554-3-4
4774	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Moisture Content	IEC 60554-3-5
4775	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Moisture Content	IS: 9335 (Pt. 3/Sec 1)
4776	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Moisture Content	IS: 9335 (Pt. 3/Sec 2)
4777	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Moisture Content	IS: 9335 (Pt. 3/Sec 3)



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4778	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Moisture Content	IS: 9335 (Pt. 3/Sec. 4)
4779	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Moisture Content	IS: 9335 (Pt. 3/Sec. 5)
4780	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Moisture Content	IS: 9335 (Pt.2)
4781	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	pH value of aqueous extract	IEC 60554-2
4782	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	pH value of aqueous extract	IEC 60554-3-1
4783	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	pH value of aqueous extract	IEC 60554-3-2
4784	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	pH value of aqueous extract	IEC 60554-3-3
4785	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	pH value of aqueous extract	IEC 60554-3-4
4786	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	pH value of aqueous extract	IEC 60554-3-5
4787	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	pH value of aqueous extract	IS: 9335 (Pt. 3/Sec 1)
4788	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	pH value of aqueous extract	IS: 9335 (Pt. 3/Sec 2)
4789	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	pH value of aqueous extract	IS: 9335 (Pt. 3/Sec 3)
4790	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	pH value of aqueous extract	IS: 9335 (Pt. 3/Sec. 4)
4791	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	pH value of aqueous extract	IS: 9335 (Pt. 3/Sec. 5)



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4792	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	pH value of aqueous extract	IS: 9335 (Pt.2)
4793	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Rate of water absorption	IEC 60554-2
4794	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Rate of water absorption	IEC 60554-3-1
4795	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Rate of water absorption	IEC 60554-3-2
4796	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Rate of water absorption	IEC 60554-3-4
4797	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Rate of water absorption	IEC 60554-3-5
4798	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Rate of water absorption	IS: 9335 (Pt. 3/Sec 1)
4799	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Rate of water absorption	IS: 9335 (Pt. 3/Sec 2)
4800	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Rate of water absorption	IS: 9335 (Pt. 3/Sec. 4)
4801	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Rate of water absorption	IS: 9335 (Pt. 3/Sec. 5)
4802	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Rate of water absorption	IS: 9335 (Pt.2)
4803	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Substance	IEC 60554-2
4804	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Substance	IEC 60554-3-1
4805	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Substance	IEC 60554-3-2



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**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

**Validity** 31/03/2022 to 30/03/2024

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4806	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Substance	IEC 60554-3-3
4807	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Substance	IEC 60554-3-4
4808	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Substance	IEC 60554-3-5
4809	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Substance	IS: 9335 (Pt. 3/Sec 1)
4810	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Substance	IS: 9335 (Pt. 3/Sec 2)
4811	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Substance	IS: 9335 (Pt. 3/Sec 3)
4812	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Substance	IS: 9335 (Pt. 3/Sec. 4)
4813	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Substance	IS: 9335 (Pt. 3/Sec. 5)
4814	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Substance	IS: 9335 (Pt.2)
4815	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Tensile Strength	IEC 60554-2
4816	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Tensile Strength	IEC 60554-3-1
4817	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Tensile Strength	IEC 60554-3-2
4818	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Tensile Strength	IEC 60554-3-3
4819	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Tensile Strength	IEC 60554-3-4



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4820	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Tensile Strength	IEC 60554-3-5
4821	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Tensile Strength	IS: 9335 (Pt. 3/Sec 1)
4822	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Tensile Strength	IS: 9335 (Pt. 3/Sec 2)
4823	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Tensile Strength	IS: 9335 (Pt. 3/Sec 3)
4824	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Tensile Strength	IS: 9335 (Pt. 3/Sec. 4)
4825	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Tensile Strength	IS: 9335 (Pt. 3/Sec. 5)
4826	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Tensile Strength	IS: 9335 (Pt.2)
4827	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Thickness	IEC 60554-2
4828	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Thickness	IEC 60554-3-1
4829	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Thickness	IEC 60554-3-2
4830	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Thickness	IEC 60554-3-3
4831	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Thickness	IEC 60554-3-4
4832	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Thickness	IEC 60554-3-5
4833	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Thickness	IS: 9335 (Pt. 3/Sec 1)



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4834	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Thickness	IS: 9335 (Pt. 3/Sec 2)
4835	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Thickness	IS: 9335 (Pt. 3/Sec 3)
4836	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Thickness	IS: 9335 (Pt. 3/Sec. 4)
4837	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Thickness	IS: 9335 (Pt. 3/Sec. 5)
4838	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Thickness	IS: 9335 (Pt.-1)
4839	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating Paper	Thickness	IS 9335 pt 2
4840	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Ability to cure in considerable thickness	IS: 10026 (Pt. 3/Sec 2)
4841	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Ability to cure in considerable thickness	IS: 10026 (Pt. 3/Sec.3)
4842	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Ability to cure in considerable thickness	IS: 10026 (Pt.3/Sec 6)
4843	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Ability to cure in considerable thickness	IS: 10026 (Pt.3/Sec 8)
4844	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Ability to cure in considerable thickness	IS:10026 (Pt.3 /Sec 5)
4845	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Ability to cure in considerable thickness	IS:10026 (Pt.3/ Sec 7)
4846	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Ability to cure in considerable thickness	IS:10026 (Pt.3/Sec 4)
4847	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Ability to cure in considerable thickness	IS:10026 (Pt.3/Sec 9)



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4848	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Ability to cure in considerable thickness	IS:10026(Pt-II)
4849	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Check for resoftening	IS: 10026 (Pt. 3/Sec.3)
4850	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Check for resoftening	IS: 10026 (Pt.3/Sec 6)
4851	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Check for resoftening	IS: 10026 (Pt.3/Sec 8)
4852	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Check for resoftening	IS:10026 (Pt.3 /Sec 5)
4853	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Check for resoftening	IS:10026 (Pt.3/ Sec 7)
4854	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Check for resoftening	IS:10026 (Pt.3/Sec 4)
4855	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Check for resoftening	IS:10026 (Pt.3/Sec 9)
4856	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Check for resoftening	IS:10026(Pt-II)
4857	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Density/Specific gravity	IS: 10026 (Pt. 3/Sec.3)
4858	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Density/Specific gravity	IS: 10026 (Pt.3/Sec 6)
4859	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Density/Specific gravity	IS: 10026 (Pt.3/Sec 8)
4860	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Density/Specific gravity	IS:10026 (Pt.3 /Sec 5)
4861	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Density/Specific gravity	IS:10026 (Pt.3/ Sec 7)



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4862	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Density/Specific gravity	IS:10026 (Pt.3/Sec 4)
4863	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Density/Specific gravity	IS:10026 (Pt.3/Sec 9)
4864	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Density/Specific gravity	IS:10026(Pt-II)
4865	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Dilution ability	IS: 10026 (Pt. 3/Sec.3)
4866	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Dilution ability	IS: 10026 (Pt.3/Sec 6)
4867	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Dilution ability	IS: 10026 (Pt.3/Sec 8)
4868	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Dilution ability	IS:10026 (Pt.3 /Sec 5)
4869	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Dilution ability	IS:10026 (Pt.3/ Sec 7)
4870	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Dilution ability	IS:10026 (Pt.3/Sec 4)
4871	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Dilution ability	IS:10026 (Pt.3/Sec 9)
4872	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Dilution ability	IS:10026(Pt-II)
4873	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Drying time in thin film	IS: 10026 (Pt. 3/Sec 1)
4874	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Drying time in thin film	IS: 10026 (Pt. 3/Sec.3)
4875	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Drying time in thin film	IS: 10026 (Pt.3/Sec 6)



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4876	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Drying time in thin film	IS: 10026 (Pt.3/Sec 8)
4877	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Drying time in thin film	IS:10026 (Pt.3 /Sec 5)
4878	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Drying time in thin film	IS:10026 (Pt.3/ Sec 7)
4879	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Drying time in thin film	IS:10026 (Pt.3/Sec 4)
4880	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Drying time in thin film	IS:10026 (Pt.3/Sec 9)
4881	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Drying time in thin film	IS:10026(Pt-II)
4882	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Electric strength	IS: 10026 (Pt. 3/Sec 1)
4883	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Electric strength	IS: 10026 (Pt. 3/Sec.3)
4884	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Electric strength	IS: 10026 (Pt.3/Sec 6)
4885	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Electric strength	IS: 10026 (Pt.3/Sec 8)
4886	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Electric strength	IS:10026 (Pt.3 /Sec 5)
4887	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Electric strength	IS:10026 (Pt.3/ Sec 7)
4888	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Electric strength	IS:10026 (Pt.3/Sec 2)
4889	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Electric strength	IS:10026 (Pt.3/Sec 4)



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4890	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Electric strength	IS:10026 (Pt.3/Sec 9)
4891	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Electric strength	IS: 10026(Pt-II)
4892	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Flexibility test	IS: 10026 (Pt. 3/Sec 1)
4893	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Flexibility test	IS: 10026 (Pt. 3/Sec.3)
4894	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Flexibility test	IS: 10026 (Pt.3/Sec 6)
4895	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Flexibility test	IS: 10026 (Pt.3/Sec 8)
4896	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Flexibility test	IS:10026 (Pt.3 /Sec 5)
4897	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Flexibility test	IS:10026 (Pt.3/ Sec 7)
4898	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Flexibility test	IS:10026 (Pt.3/Sec 2)
4899	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Flexibility test	IS:10026 (Pt.3/Sec 4)
4900	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Flexibility test	IS:10026 (Pt.3/Sec 9)
4901	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Flexibility test	IS:10026(Pt-II)
4902	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Non volatile matter	IS: 10026 (Pt. 3/Sec 1)
4903	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Non volatile matter	IS: 10026 (Pt. 3/Sec 2)



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4904	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Non volatile matter	IS: 10026 (Pt. 3/Sec.3)
4905	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Non volatile matter	IS: 10026 (Pt.3/Sec 6)
4906	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Non volatile matter	IS: 10026 (Pt.3/Sec 8)
4907	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Non volatile matter	IS:10026 (Pt.3 /Sec 5)
4908	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Non volatile matter	IS:10026 (Pt.3/ Sec 7)
4909	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Non volatile matter	IS:10026 (Pt.3/Sec 4)
4910	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Non volatile matter	IS:10026 (Pt.3/Sec 9)
4911	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Non volatile matter	IS:10026(Pt-II)
4912	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Reaction of varnish with copper	IS: 10026 (Pt. 3/Sec.3)
4913	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Reaction of varnish with copper	IS: 10026 (Pt.3/Sec 6)
4914	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Reaction of varnish with copper	IS: 10026 (Pt.3/Sec 8)
4915	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Reaction of varnish with copper	IS:10026 (Pt.3 /Sec 5)
4916	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Reaction of varnish with copper	IS:10026 (Pt.3/ Sec 7)
4917	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Reaction of varnish with copper	IS:10026 (Pt.3/Sec 4)



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4918	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Reaction of varnish with copper	IS:10026 (Pt.3/Sec 9)
4919	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Reaction of varnish with copper	IS:10026(Pt-II)
4920	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to insulating liquids/ Resistance of transformer oil	IS: 10026 (Pt. 3/Sec.3)
4921	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to insulating liquids/ Resistance of transformer oil	IS: 10026 (Pt. II)
4922	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to insulating liquids/ Resistance of transformer oil	IS: 10026 (Pt.3/Sec 6)
4923	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to insulating liquids/ Resistance of transformer oil	IS: 10026 (Pt.3/Sec 8)
4924	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to insulating liquids/ Resistance of transformer oil	IS:10026 (Pt.3 /Sec 5)
4925	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to insulating liquids/ Resistance of transformer oil	IS:10026 (Pt.3/ Sec 7)
4926	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to insulating liquids/ Resistance of transformer oil	IS:10026 (Pt.3/Sec 4)
4927	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to insulating liquids/ Resistance of transformer oil	IS:10026 (Pt.3/Sec 9)
4928	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to insulating liquids/ Resistance of transformer oil	IS:10026(Pt-II)
4929	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to tracking	IS: 10026 (Pt. 3/Sec 1)
4930	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to tracking	IS: 10026 (Pt. 3/Sec.3)
4931	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to tracking	IS: 10026 (Pt.3/Sec 6)



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4932	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to tracking	IS: 10026 (Pt.3/Sec 8)
4933	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to tracking	IS: 10026(Pt-II)
4934	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to tracking	IS:10026 (Pt.3 /Sec 5)
4935	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to tracking	IS:10026 (Pt.3/ Sec 7)
4936	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to tracking	IS:10026 (Pt.3/Sec 4)
4937	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Resistance to tracking	IS:10026 (Pt.3/Sec 9)
4938	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Stability of varnish in an open vessel	IS: 10026 (Pt.3/Sec 6)
4939	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Stability of varnish in an open vessel	IS: 10026 (Pt.3/Sec 8)
4940	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Stability of varnish in an open vessel	IS:10026 (Pt.3 /Sec 5)
4941	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Stability of varnish in an open vessel	IS:10026 (Pt.3/ Sec 7)
4942	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Stability of varnish in an open vessel	IS:10026 (Pt.3/Sec 2)
4943	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Stability of varnish in an open vessel	IS:10026 (Pt.3/Sec 4)
4944	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Stability of varnish in an open vessel	IS:10026 (Pt.3/Sec 9)
4945	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Stability of varnish in an open vessel	IS:10026(Pt-II)



# National Accreditation Board for Testing and Calibration Laboratories

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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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4946	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Viscosity (Ford Cup)	IS: 10026 (Pt. 3/Sec 1)
4947	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Viscosity (Ford Cup)	IS: 10026 (Pt. 3/Sec 2)
4948	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Viscosity (Ford Cup)	IS: 10026 (Pt. 3/Sec.3)
4949	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Viscosity (Ford Cup)	IS: 10026 (Pt.3/Sec 6)
4950	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Viscosity (Ford Cup)	IS: 10026 (Pt.3/Sec 8)
4951	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Viscosity (Ford Cup)	IS:10026 (Pt.3 /Sec 5)
4952	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Viscosity (Ford Cup)	IS:10026 (Pt.3/ Sec 7)
4953	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Viscosity (Ford Cup)	IS:10026 (Pt.3/Sec 4)
4954	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Viscosity (Ford Cup)	IS:10026 (Pt.3/Sec 9)
4955	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Viscosity (Ford Cup)	IS:10026(Pt-II)
4956	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Volume resistivity in air and after immersion in water	IS: 10026 (Pt. 3/Sec 1)
4957	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Volume resistivity in air and after immersion in water	IS: 10026 (Pt. 3/Sec.3)
4958	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Volume resistivity in air and after immersion in water	IS: 10026 (Pt.3/Sec 6)
4959	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Volume resistivity in air and after immersion in water	IS: 10026 (Pt.3/Sec 8)



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4960	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Volume resistivity in air and after immersion in water	IS: 10026(Pt-II)
4961	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Volume resistivity in air and after immersion in water	IS:10026 (Pt.3 /Sec 5)
4962	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Volume resistivity in air and after immersion in water	IS:10026 (Pt.3/ Sec 7)
4963	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Volume resistivity in air and after immersion in water	IS:10026 (Pt.3/Sec 2)
4964	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Volume resistivity in air and after immersion in water	IS:10026 (Pt.3/Sec 4)
4965	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Insulating varnish	Volume resistivity in air and after immersion in water	IS:10026 (Pt.3/Sec 9)
4966	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Apparent density	IEC 60763-2
4967	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Apparent density	IEC 60763-3-1
4968	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Apparent density	IS 16499 (Part 3/Sec 1)
4969	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Ash Content	IEC 60763-2
4970	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Ash Content	IEC 60763-3-1
4971	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Ash Content	IS 16499 (Part 3/Sec 1)
4972	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Compressibility	IEC 60763-2
4973	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Compressibility	IEC 60763-3-1



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4974	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Compressibility	IS 16499 (Part 3/Sec 1)
4975	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Conductivity of aqueous extract	IEC 60763-2
4976	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Conductivity of aqueous extract	IEC 60763-3-1
4977	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Conductivity of aqueous extract	IS 16499 (Part 3/Sec 1)
4978	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Contamination of liquid dielectrics (Dissipation factor)	IEC 60763-2
4979	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Contamination of liquid dielectrics (Dissipation factor)	IEC 60763-3-1
4980	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Contamination of liquid dielectrics (Dissipation factor)	IS 16499 (Part 3/Sec 1)
4981	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Contamination of liquid dielectrics (Neutralization Value)	IEC 60763-2
4982	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Contamination of liquid dielectrics (Neutralization Value)	IEC 60763-3-1
4983	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Contamination of liquid dielectrics (Neutralization Value)	IS 16499 (Part 3/Sec 1)
4984	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Contamination of liquid dielectrics (Sludge content)	IEC 60763-2
4985	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Contamination of liquid dielectrics (Sludge content)	IEC 60763-3-1
4986	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Contamination of liquid dielectrics (Sludge content)	IS 16499 (Part 3/Sec 1)
4987	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Electric Strength in oil	IEC 60763-3-1



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4988	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Electric Strength in oil	IEC 60763-2
4989	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Electric Strength in oil	IS 16499 (Part 3/Sec 1)
4990	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Flexural Strength	IEC 60763-2
4991	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Flexural Strength	IEC 60763-3-1
4992	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Moisture Content	IEC 60763-2
4993	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Moisture Content	IEC 60763-3-1
4994	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Moisture Content	IS 16499 (Part 3/Sec 1)
4995	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	oil Absorption	IEC 60763-2
4996	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	oil Absorption	IEC 60763-3-1
4997	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Oil Absorption	IS 16499 (Part 3/Sec 1)
4998	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	pH value of aqueous extract	IEC 60763-2
4999	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	pH value of aqueous extract	IEC 60763-3-1
5000	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	pH value of aqueous extract	IS 16499 (Part 3/Sec 1)
5001	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Reversible parts of compressibility	IEC 60763-2



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5002	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Reversible parts of compressibility	IEC 60763-3-1
5003	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Reversible parts of compressibility	IS 16499 (Part 3/Sec 1)
5004	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Shrinkage	IEC 60763-2
5005	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Shrinkage	IEC 60763-3-1
5006	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Shrinkage	IS 16499 (Part 3/Sec 1)
5007	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Thickness deviation	IEC 60763-2
5008	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Thickness deviation	IEC 60763-3-1
5009	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Thickness deviation	IS 16499 (Part 3/Sec 1)
5010	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Laminated Precompressed Pressboard	Flexural Strength	IS 16499 (Part 3/Sec 1)
5011	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Natural Ester oil	Dissolved Gas Analysis	ASTM D 3612
5012	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Natural Ester oil	Dissolved Gas Analysis	IEC 60599
5013	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Natural Ester oil	Dissolved Gas Analysis	IS 10593
5014	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Oil impregnated Solid Dielectric material	Water Content	IEC 60814
5015	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Conductivity of aqueous extract	IEC 60641-3-1



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5016	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Apparent Density	IEC 60641-2
5017	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Apparent Density	IEC 60641-3-1
5018	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Apparent Density	IEC 60641-3-2
5019	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Apparent Density	IS 16498 (Part 2)
5020	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Apparent Density	IS 16498 (Part 3/Sec 1)
5021	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Apparent Density	IS 16498 (Part 3/Sec 2)
5022	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Ash Content	IEC 60641-2
5023	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Ash Content	IEC 60641-3-1
5024	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Ash Content	IEC 60641-3-2
5025	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Ash Content	IS 16498 (Part 2)
5026	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Ash Content	IS 16498 (Part 3/Sec 1)
5027	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Ash Content	IS 16498 (Part 3/Sec 2)
5028	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Compressibility	IEC 60641-2
5029	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Compressibility	IEC 60641-3-1



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5030	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Compressibility	IS 16498 (Part 2)
5031	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Compressibility	IS 16498 (Part 3/Sec 1)
5032	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Conductivity of aqueous extract	IEC 60641-2
5033	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Conductivity of aqueous extract	IEC 60641-3-2
5034	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Conductivity of aqueous extract	IS 16498 (Part 2)
5035	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Conductivity of aqueous extract	IS 16498 (Part 3/Sec 1)
5036	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Conductivity of aqueous extract	IS 16498 (Part 3/Sec 2)
5037	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Electric Strength in air folded	IEC 60641-3-2
5038	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Electric Strength in air folded	IS 16498 (Part 3/Sec 2)
5039	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Electric Strength in air Unfolded	IEC 60641-3-2
5040	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Electric Strength in air Unfolded	IS 16498 (Part 3/Sec 2)
5041	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Electric Strength in air	IEC 60641-2
5042	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Electric Strength in air	IEC 60641-3-1
5043	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Electric Strength in air	IS 16498 (Part 2)



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5044	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Electric Strength in air	IS 16498 (Part 3/Sec 1)
5045	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Electric Strength in Oil	IEC 60641-2
5046	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Electric Strength in oil	IEC 60641-3-1
5047	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Electric Strength in Oil	IEC 60641-3-2
5048	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Electric Strength in Oil	IS 16498 (Part 2)
5049	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Electric Strength in oil	IS 16498 (Part 3/Sec 1)
5050	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Electric Strength in Oil	IS 16498 (Part 3/Sec 2)
5051	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Elongation	IEC 60641-2
5052	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Elongation	IEC 60641-3-1
5053	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Elongation	IS 16498 (Part 2)
5054	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Elongation	IS 16498 (Part 3/Sec 1)
5055	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Elongation folded	IEC 60641-3-2
5056	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Elongation folded	IS 16498 (Part 3/Sec 2)
5057	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Elongation Unfolded	IEC 60641-3-2



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5058	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Elongation Unfolded	IS 16498 (Part 3/Sec 2)
5059	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Moisture Content	IEC 60641-2
5060	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Moisture Content	IEC 60641-3-1
5061	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Moisture Content	IEC 60641-3-2
5062	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Moisture Content	IS 16498 (Part 2)
5063	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Moisture Content	IS 16498 (Part 3/Sec 1)
5064	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Moisture Content	IS 16498 (Part 3/Sec 2)
5065	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	oil Absorption	IEC 60641-2
5066	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	oil Absorption	IEC 60641-3-1
5067	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	oil Absorption	IEC 60641-3-2
5068	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	oil Absorption	IS 16498 (Part 2)
5069	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	oil Absorption	IS 16498 (Part 3/Sec 1)
5070	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	oil Absorption	IS 16498 (Part 3/Sec 2)
5071	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	pH value of aqueous extract	IEC 60641-2



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5072	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	pH value of aqueous extract	IEC 60641-3-1
5073	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	pH value of aqueous extract	IEC 60641-3-2
5074	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	pH value of aqueous extract	IS 16498 (Part 2)
5075	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	pH value of aqueous extract	IS 16498 (Part 3/Sec 1)
5076	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	pH value of aqueous extract	IS 16498 (Part 3/Sec 2)
5077	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Reversible parts of compressibility	IEC 60641-2
5078	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Reversible parts of compressibility	IEC 60641-3-1
5079	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Reversible parts of compressibility	IS 16498 (Part 2)
5080	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Reversible parts of compressibility	IS 16498 (Part 3/Sec 1)
5081	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Shrinkage	IEC 60641-2
5082	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Shrinkage	IEC 60641-3-1
5083	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Shrinkage	IEC 60641-3-2
5084	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Shrinkage	IS 16498 (Part 2)
5085	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Shrinkage	IS 16498 (Part 3/Sec 1)



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**Accreditation Standard**

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5086	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Shrinkage	IS 16498 (Part 3/Sec 2)
5087	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Tensile Strength folded	IEC 60641-3-2
5088	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Tensile Strength folded	IS 16498 (Part 3/Sec 2)
5089	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Tensile Strength unfolded	IEC 60641-3-2
5090	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Tensile Strength unfolded	IS 16498 (Part 3/Sec 2)
5091	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Tensile Strength	IEC 60641-2
5092	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Tensile Strength	IEC 60641-3-1
5093	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Tensile Strength	IS 16498 (Part 2)
5094	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Tensile Strength	IS 16498 (Part 3/Sec 1)
5095	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Thickness Deviation from nominal	IS 16498 (Part 3/Sec 1)
5096	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Thickness Deviation from nominal	IS 16498 (Part 3/Sec 2)
5097	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Thickness	IEC 60641-2
5098	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Thickness	IEC 60641-3-1
5099	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Thickness	IEC 60641-3-2



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5100	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Precompressed Pressboard	Thickness	IS 16498 (Part 2)
5101	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Adhesion to backing	IS:7809 (Pt 2)
5102	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Adhesion to backing	IS:7809 (Pt 3/sec 1)
5103	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Adhesion to steel	IS:7809 (Pt 2)
5104	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Adhesion to steel	IS:7809 (Pt 3/sec 1)
5105	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Appearance	IS:7809 (Pt 1)
5106	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Electric strength after humid conditioning	IS:7809 (Pt 2)
5107	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Electric strength after humid conditioning	IS:7809 (Pt 3/sec 1)
5108	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Electric strength at room temperature	IS:7809 (Pt 2)
5109	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Electric strength at room temperature	IS:7809 (Pt 3/sec 1)
5110	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Electrolytic Corrosion	IS:7809 (Pt 2)
5111	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Electrolytic Corrosion	IS:7809 (Pt 3/sec 1)
5112	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Flammability	IS:7809 (Pt 2)
5113	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Flammability	IS:7809 (Pt 3/sec 1)



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5114	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Freedom from defects	IS:7809 (Pt 1)
5115	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Insulation Resistance	IS:7809 (Pt 3/sec 1)
5116	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Length	IS:7809 (Pt 1)
5117	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Length	IS:7809 (Pt 3/sec 1)
5118	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Minimum storage life	IS:7809 (Pt 1)
5119	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Stability to accelerated ageing	IS:7809 (Pt 3/sec 1)
5120	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Tensile strength and Elongation	IS:7809 (Pt 2)
5121	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Tensile strength and Elongation	IS:7809 (Pt 3/sec 1)
5122	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Thickness	IS:7809 (Pt 2)
5123	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Thickness	IS:7809 (Pt 3/sec 1)
5124	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Width	IS:7809 (Pt 1)
5125	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Pressure sensitive adhesive tape	Width	IS:7809 (Pt 3/sec 1)
5126	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber and Plastic container for Lead-Acid storage batteries	Drop Ball test	IS 1146
5127	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber and Plastic container for Lead-Acid storage batteries	High voltage test	IS 1146



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5128	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber and Plastic container for Lead-Acid storage batteries	Hydraulic thrust endurance test (Length)	IS 1146
5129	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber and Plastic container for Lead-Acid storage batteries	Hydraulic thrust endurance test (Width)	IS 1146
5130	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber and Plastic container for Lead-Acid storage batteries	Izod Impact test	IS 1146
5131	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber and Plastic container for Lead-Acid storage batteries	Plastic yield test	IS 1146
5132	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber and Plastic container for Lead-Acid storage batteries	Resistance to acid	IS 1146
5133	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber Gloves	Proof voltage and leakage current	IS 4770
5134	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber Gloves	Tensile strength & Elongation at break after heat ageing	IS 4770
5135	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber Gloves	Breakdown voltage	IS 4770
5136	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber Gloves	Elongation at break	IS 4770
5137	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber Gloves	Moisture absorption	IS 4770
5138	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber Gloves	Ozone resistance	IS 4770
5139	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber Gloves	Puncture resistance	IS 4770
5140	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber Gloves	Tear strength	IS 4770
5141	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber Gloves	Tensile strength	IS 4770



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5142	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber Gloves	Tensile stress at 200 percent elongation	IS 4770
5143	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber Gloves	Tension set	IS 4770
5144	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber Gloves	Thickness test	IS 4770
5145	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber/Vulcanized/Thermoplastic rubber	Hardness	ASTM D2240
5146	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Rubber/Vulcanized/Thermoplastic rubber	Hardness	IS 3400 (Part 2)
5147	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating & polymeric Material	Water Diffusion	IEC 61109
5148	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating & polymeric Material	Water Diffusion	IEC 62217
5149	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating & polymeric Material	Water Diffusion	IEC 62231
5150	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Accelerated weathering test	IEC 62217
5151	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Axial compressive Strength	IEC 61212-2
5152	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Ball Pressure test	IEC 60695-10-2
5153	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Breaking or Ultimate Elongation	ASTM D 412
5154	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Charpy Impact Strength	BS EN 60893-2
5155	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Charpy Impact Strength	IEC 60893-2



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5156	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Charpy Impact Strength	IS 10192
5157	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Charpy Impact Strength	ISO 179-1
5158	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Cohesion between layers	IEC 61212-2
5159	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Comparative and proof tracking Indices	BS EN 60893-2
5160	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Comparative and proof tracking Indices	IEC 60893-2
5161	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Comparative Tracking Index	ASTM D3638
5162	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Comparative Tracking Index	IEC 60112
5163	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Comparative Tracking Index	IS 10192
5164	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Comparative Tracking Index	IS 13410
5165	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Comparative Tracking Index	IS 2824
5166	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Compression Strength	IS 1998
5167	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Compressive Modulus	ISO 604
5168	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Compressive Strength	ASTM D 695
5169	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Compressive Strength	BS EN 60893-2



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5170	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Compressive Strength	IEC 60893-2
5171	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Compressive Strength	IS 10192
5172	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Compressive Strength	ISO 604
5173	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Cross breaking strength	IS 10192
5174	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Cross breaking strength	IS 1998
5175	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Cross breaking strength	IS 867
5176	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Density and Specific gravity (Relative Density)	ASTM D 792
5177	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Density and Specific gravity (Relative Density)	ISO 1183-1
5178	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Density	BS EN 60893-2
5179	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Density	IEC 60893-2
5180	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Density	IEC 61212-2
5181	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Dielectric Breakdown Voltage	ASTM D 149
5182	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Dielectric Constant/ Permittivity	ASTM D150
5183	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Dielectric Constant/ Permittivity	IS 10192



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5184	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Dielectric Constant/ Permittivity	IS 1998
5185	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Dielectric Constant/ Permittivity	IS 2036
5186	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Dielectric Constant/ Permittivity	IS 4486
5187	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Dielectric Dissipation factor/tan delta/Power factor	ASTM D150
5188	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Dielectric Dissipation factor/tan delta/Power factor	IS 10192
5189	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Dielectric Dissipation factor/tan delta/Power factor	IS 1998
5190	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Dielectric Dissipation factor/tan delta/Power factor	IS 2036
5191	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Dielectric Dissipation factor/tan delta/Power factor	IS 4486
5192	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Dielectric strength	ASTM D 149
5193	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Dielectric strength	IS 13410
5194	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Dielectric strength	IS 13411
5195	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Dissipation factor & Permittivity	IEC 61212-2
5196	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Dry Arc Resistance	ASTM D 495
5197	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Electric strength and breakdown voltage	BS EN 60893-2



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5198	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Electric strength and breakdown voltage	IEC 60893-2
5199	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Electric strength and breakdown voltage	IEC 61212-2
5200	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Electric strength	IEC 60243-1
5201	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Electric strength	IS 1998
5202	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Electric strength	IS 2584
5203	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Electric strength	IS 867
5204	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Electrical strength	IS 10192
5205	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Elongation at break	ASTM D 638
5206	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Elongation at break	ISO 527-1
5207	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Elongation at break	ISO 527-2
5208	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Elongation at break	ISO 527-3
5209	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Elongation at break	ISO 527-4
5210	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Exposure to UV Radiation	ASTM G 154
5211	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Exposure to UV Radiation	ASTM G 155



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5212	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Exposure to UV Radiation	DIN EN ISO 4892-2
5213	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Exposure to UV Radiation	ISO 4892-2
5214	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Exposure to UV Radiation	ISO 4892-3
5215	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	External diameter	IEC 61212-2
5216	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Flatness	IEC 60763-2
5217	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Flatness	IEC 60763-3-1
5218	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Flatness	IEC 61061-2
5219	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Flatness	IEC 61061-3-1
5220	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Flatness	IS 16499 (Part 3/Sec 1)
5221	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Flexural Modulus	ISO 178
5222	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Flexural strength	ASTM D 790
5223	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Flexural strength	BS EN 60893-2
5224	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Flexural strength	IEC 60893-2
5225	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Flexural strength	IS 13410



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## SCOPE OF ACCREDITATION

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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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5226	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Flexural strength	IS 13411
5227	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Flexural strength perpendicular to lamination	IEC 61212-2
5228	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Flexural strength	ISO 178
5229	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Glass content	IS 13410
5230	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Glass content	IS 13411
5231	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Glass content	ISO 1172
5232	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Glow wire Flammability Index	IEC 60695-2-12
5233	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Glow wire Flammability test	IEC 60695-2-11
5234	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Glow wire Ignition Temperature	IEC 60695-2-13
5235	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Glow wire test apparatus and common test procedure	IS 11000 (Part 2/Sec 1)
5236	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Glow wire test apparatus and common test procedure	IEC 60695-2-10
5237	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Heat Deflection test/deflection temperature	ASTM D648
5238	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Heat Deflection test/deflection temperature	ISO 75-1
5239	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Heat Deflection test/deflection temperature	ISO 75-1 (Withdrawn)



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5240	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Heat Deflection test/deflection temperature	ISO 75-2
5241	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Heat Deflection test/deflection temperature	ISO 75-2 (Withdrawn)
5242	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Heat Deflection test/deflection temperature	ISO 75-3
5243	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Heat Distortion Temperature	IS 13410
5244	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Heat Distortion Temperature	IS 13411
5245	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Ignition loss	ASTM D 2584
5246	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Impact strength	IS 867
5247	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Incline Plane Tracking and erosion test	ASTM D2303
5248	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Incline Plane Tracking and erosion test	IS 9947
5249	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Insulation Resistance after immersion in water	BS EN 60893-2
5250	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Insulation Resistance after immersion in water	IEC 60893-2
5251	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Insulation Resistance after immersion in water	IEC 61212-2
5252	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Insulation Resistance	ASTM D257
5253	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Insulation Resistance	BSEN 60893-2



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5254	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Insulation Resistance	IEC 62631-3-3
5255	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Insulation Resistance	IS 10192
5256	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Insulation Resistance	IS 1998
5257	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Insulation Resistance	IS 2036
5258	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Insulation Resistance	IS 2259
5259	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Internal diameter	IEC 61212-2
5260	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Izod Impact Strength	ASTM D 256
5261	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Izod Impact Strength	BS EN 60893-2
5262	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Izod Impact Strength	IS 13410
5263	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Izod Impact Strength	IS 13411
5264	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Izod Impact Strength	IS 1998
5265	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Izod Impact Strength	ISO 180
5266	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Martens heat distortion temperature	IS 10192
5267	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Modulus of elasticity in bending	ASTM D 790



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5268	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Modulus of elasticity in compression	ASTM D 695
5269	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Modulus of elasticity in flexure	BS EN 60893-2
5270	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Modulus of elasticity in flexure	IEC 60893-2
5271	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Modulus of elasticity	ASTM D 638
5272	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Modulus of elasticity	IS 13410
5273	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Modulus of elasticity	IS 13411
5274	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Permittivity & dissipation factor	BS EN 60893-2
5275	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Permittivity & dissipation factor	IEC 60893-2
5276	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Post shrinkage	IS 13410
5277	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Post shrinkage	IS 13411
5278	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Power Arc Resistance	IS 13410
5279	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Power Arc Resistance	IS 13411
5280	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Relative Permittivity & Dissipation Factor	IEC 62631-2-1
5281	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Resistance of Insulating Material to abnormal heat and fire	IS 14772



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5282	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Resistance to heat and Fire	IEC 60335-1
5283	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Resistance to heat	IS 14772
5284	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Resistance to hot oil	IS 1998
5285	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Resistance to Ultra Violate Radiation	IEC 61439-1
5286	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Shear Strength	IS 10192
5287	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Shear Strength	IS 1998
5288	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Shear Strength	IS 4248
5289	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Specific gravity	IS 10192
5290	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Splitting resistance	IS 10192
5291	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Surface Resistance & Surface Resistivity	IEC 62631-3-2
5292	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Surface Resistance/Surface Resistivity	ASTM D257
5293	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Surface Resistance/Surface Resistivity	IS 13410
5294	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Surface Resistance/Surface Resistivity	IS 13411
5295	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Surface Resistance/Surface Resistivity	IS 2259



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5296	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Surface resistivity	IS 867
5297	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile modulus/Modulus of Elasticity/Young's modulus	ISO 527-1
5298	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile modulus/Modulus of Elasticity/Young's modulus	ISO 527-2
5299	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile modulus/Modulus of Elasticity/Young's modulus	ISO 527-3
5300	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile modulus/Modulus of Elasticity/Young's modulus	ISO 527-4
5301	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile strength	ASTM D 412
5302	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile strength	ASTM D 638
5303	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile strength	BS EN 60893-2
5304	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile strength	IEC 60893-2
5305	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile strength	IS 10192
5306	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile strength	IS 13410
5307	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile strength	IS 1998
5308	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile strength	IS 867
5309	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile strength	ISO 527-1



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5310	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile strength	ISO 527-2
5311	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile strength	ISO 527-3
5312	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile strength	ISO 527-4
5313	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tensile strength and Elongation	IS 10810-7
5314	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Thermal endurance	BS EN 60893-2
5315	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Thermal endurance	IEC 60893-2
5316	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Thermal endurance	IEC 61212-2
5317	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Thickness	BS EN 60893-2
5318	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Thickness	IEC 60893-2
5319	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Thickness	IS 1998
5320	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tracking and erosion resistance	BS EN 60893-2
5321	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tracking and erosion resistance	IEC 60893-2
5322	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tracking resistance	BSEN 50397-1
5323	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Tracking Resistance	IS 13411



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5324	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Verification of freedom from season cracking	IEC 60269-1
5325	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Volume Resistance & Volume Resistivity	IEC 62631-3-1
5326	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Volume Resistance/Volume resistivity	ASTM D257
5327	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Volume Resistance/Volume resistivity	IS 13410
5328	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Volume Resistance/Volume resistivity	IS 13411
5329	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Volume Resistance/Volume resistivity	IS 2259
5330	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Volume resistivity	IS 867
5331	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Wall thickness	IEC 61212-2
5332	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Water absorption	ASTM D 570
5333	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Water absorption	BS EN 60893-2
5334	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Water absorption	IEC 60893-2
5335	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Water absorption	IS 10192
5336	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Water absorption	IS 13410
5337	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Water absorption	IS 13411



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5338	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Water absorption	IS 1998
5339	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Water absorption	IS 867
5340	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Water absorption	ISO 62
5341	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating material	Izod Impact Strength	IEC 60893-2
5342	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Insulating Material	Incline Plane Tracking and erosion test	IEC 60587
5343	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Pressboard	Cohesion between plies	IS: 1576
5344	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Pressboard	Conductivity of aqueous extract	IS: 1576
5345	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Pressboard	Density	IS: 1576
5346	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Pressboard	Electric Strength	IS: 1576
5347	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Pressboard	Flexibility test	IS: 1576
5348	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Pressboard	Machineability	IS: 1576
5349	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Pressboard	Mineral Ash	IS: 1576
5350	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Pressboard	Moisture Content	IS: 1576
5351	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Pressboard	oil Absorption	IS: 1576



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5352	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Pressboard	pH value of aqueous extract	IS: 1576
5353	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Pressboard	Shrinkage	IS: 1576
5354	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Pressboard	Tensile Strength	IS: 1576
5355	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Solid Pressboard	Thickness	IS: 1576
5356	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Synthetic Ester oil	Dissolved Gas Analysis	ASTM D 3612
5357	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Synthetic Ester oil	Dissolved Gas Analysis	IEC 60599
5358	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Synthetic Ester oil	Dissolved Gas Analysis	IS 10593
5359	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Synthetic Ester oil	Dissolved Gas Analysis	IS 10593 (Withdrawn standard)
5360	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Particle Content	IEC 60296 (Withdrawn standard)
5361	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Particle Content	IEC 60422
5362	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Particle Content	IEC 60970
5363	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Particle Content	IS 13236
5364	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Particle Content	IS 1866
5365	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Particle Content	IS 335



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5366	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	PCA content	BS 2000 : Part 346
5367	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	PCA content	IEC 60296
5368	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	PCA content	IEC 60296 (Withdrawn standard)
5369	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	PCA content	IP 346
5370	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	PCA content	IS 335
5371	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Potentially corrosive sulphur	IEC 60296
5372	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Potentially corrosive sulphur	IEC 62535
5373	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Potentially corrosive sulphur	IS 16310
5374	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Potentially corrosive sulphur	IS 1866
5375	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Potentially corrosive sulphur	IS 335
5376	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Pour point	ISO 3016
5377	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Stray gassing under thermo-oxidative stress	IEC 60296
5378	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Total Sulphur Content	ASTM D 4294
5379	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Total Sulphur Content	IS 335



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5380	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Gassing tendency	IEC 60296
5381	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Gassing tendency	IEC 60296 (Withdrawn standard)
5382	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Gassing tendency	IEC 60628, Method A
5383	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Gassing tendency	IS 335
5384	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Potentially corrosive sulphur	IEC 60296 (Withdrawn standard)
5385	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Particle Content	IEC 60296
5386	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oil	Potentially corrosive sulphur	IEC 60422
5387	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	2-Furfural & Related compound content	IEC 60296
5388	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	2-Furfural & Related compound content	IEC 60296 (Withdrawn Standard)
5389	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	2-Furfural & Related compound content	IEC 61198
5390	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	2-Furfural & Related compound content	IS 15668
5391	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	2-Furfural & Related compound content	IS 335
5392	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Ageing characteristics after accelerated ageing (open beaker method with copper catalyst) resistivity, tan delta and Acidity and sludge are measured	IS 335 (Withdrawn Standard)



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5393	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Ageing characteristics After ageing at 115 Degree C for 96 hours Resistivity, tan delta, Acidity and Sludge are measured.	IS 12177
5394	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Appearance	IS 1866 (Withdrawn Standard)
5395	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Appearance	IS 335
5396	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Appearance	IS 335 (Withdrawn Standard)
5397	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Breakdown Voltage	IS 1866
5398	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Breakdown Voltage	IS 1866 (Withdrawn Standard)
5399	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Carbon type PNA analysis	IS 13155
5400	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Color & Appearance	IEC 60422
5401	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Color & Appearance	IS 1866
5402	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Corrosive Sulphur	ASTM D 1275
5403	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Corrosive Sulphur	DIN 51353
5404	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Corrosive Sulphur	IEC 60296
5405	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Corrosive Sulphur	IEC 60296 (Withdrawn Standard)



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5406	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Corrosive Sulphur	IEC 60422
5407	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Corrosive Sulphur	IS 1866
5408	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Corrosive Sulphur	IS 335
5409	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Corrosive Sulphur	IS 335 (Withdrawn Standard)
5410	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	ASTM D 3612
5411	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	IEC 60567
5412	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	IEC 60567 (Withdrawn standard)
5413	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	IEC 60599
5414	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	IS 10593
5415	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	IS 10593 (Withdrawn standard)
5416	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	IS 1866 (Withdrawn Standard)
5417	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	IS 9434
5418	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inhibitor (2, 6-di-tert-butyl-paracresol (DBPC))	IEC 60296
5419	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inhibitor (2, 6-di-tert-butyl-paracresol (DBPC))	IEC 60296 (Withdrawn Standard)



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5420	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inhibitor (2, 6-di-tert-butyl-paracresol (DBPC))	IEC 60422
5421	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inhibitor (2, 6-di-tert-butyl-paracresol (DBPC))	IEC 60666
5422	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inhibitor (2, 6-di-tert-butyl-paracresol (DBPC))	IS 13631
5423	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inhibitor (2, 6-di-tert-butyl-paracresol (DBPC))	IS 1866
5424	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inhibitor (2, 6-di-tert-butyl-paracresol (DBPC))	IS 335
5425	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Oxidation Stability After ageing Acidity, Sludge & Dissipation factor are measured	IEC 60296
5426	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Oxidation Stability After ageing Acidity, Sludge & Dissipation factor are measured	IEC 60296 (Withdrawn Standard)
5427	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Oxidation Stability After ageing Acidity, Sludge & Dissipation factor are measured	IEC 60422
5428	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Oxidation Stability After ageing Acidity, Sludge & Dissipation factor are measured	IEC 61125
5429	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Oxidation Stability After ageing Acidity, Sludge & Dissipation factor are measured	IEC 61125 (Withdrawn Standard)
5430	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Oxidation Stability After ageing Acidity, Sludge & Dissipation factor are measured	IS 12422
5431	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Oxidation Stability After ageing Acidity, Sludge & Dissipation factor are measured	IS 1866
5432	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Oxidation Stability After ageing Acidity, Sludge & Dissipation factor are measured	IS 335
5433	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Oxidation Stability After ageing Acidity, Sludge are measured	IS 1866 (Withdrawn Standard)



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5434	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Oxidation Stability After ageing Neutralisation value & total Sludge are measured	IS 335 (Withdrawn Standard)
5435	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Presence of oxidation inhibitor (DBPC)	IS 13631 (Withdrawn Standard)
5436	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Presence of oxidation inhibitor (DBPC)	IS 335 (Withdrawn Standard)
5437	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Sediments & Sludge	IEC 60422
5438	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Sediments & Sludge	IS 1866
5439	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Sediments & Sludge	IS 1866 (Withdrawn Standard)
5440	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Viscosity	IS 1866
5441	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Viscosity	IS 335
5442	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Acidity	IS 1866
5443	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Acidity(by Automatic potentiometric titration)	IEC 60296
5444	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Acidity(by Automatic potentiometric titration)	IEC 60296 (Withdrawn Standard)
5445	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Acidity(by Automatic potentiometric titration)	IEC 62021 ( Part 1 )
5446	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Acidity(by Automatic potentiometric titration)	IEC 62021 Pt-1
5447	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Acidity(by Automatic potentiometric titration)	IS 335



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5448	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Acidity(by colourimetric titration)	IEC 60296 (Withdrawn Standard)
5449	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Acidity(by colourimetric titration)	IEC 62021 Pt-2
5450	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Appearance	IEC 60296
5451	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Appearance	IEC 60296 (Withdrawn Standard)
5452	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Breakdown Voltage	IEC 60296
5453	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Breakdown Voltage	IEC 60296 (Withdrawn Standard)
5454	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Breakdown Voltage	IEC 60422
5455	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Breakdown Voltage/Electric strength	IS 335
5456	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Color & Appearance	ISO 2049
5457	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Color	IEC 60422
5458	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Color	IS 1866
5459	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IEC 60296
5460	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IEC 60296 (Withdrawn Standard)
5461	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IEC 60422



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5462	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IS 1448 (Pt.16) (Withdrawn Standard)
5463	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IS 1448(Pt.16)
5464	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IS 1866
5465	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IS 1866 (Withdrawn Standard)
5466	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IS 335
5467	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IS 335 (Withdrawn Standard)
5468	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	ISO 3675
5469	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IEC 60247
5470	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IEC 60296
5471	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IEC 60296 (Withdrawn Standard)
5472	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IEC 60422
5473	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IS 16086
5474	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IS 1866
5475	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IS 1866 (Withdrawn Standard)



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5476	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IS 335
5477	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IS 335 (Withdrawn Standard)
5478	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IS 6262
5479	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Electric strength	IEC 60156
5480	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Electric strength	IEC 60156 (Withdrawn standard)
5481	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Electric strength	IS 335 (Withdrawn Standard)
5482	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Electric strength	IS 6792
5483	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Electric strength	IS 6792 (Withdrawn Standard)
5484	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IEC 60296
5485	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IEC 60296 (Withdrawn Standard)
5486	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IEC 60422
5487	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IS 1448 (Pt.21)
5488	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IS 1448 (Pt.21) (Withdrawn Standard)
5489	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IS 1866



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5490	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IS 1866 (Withdrawn Standard)
5491	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IS 335
5492	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IS 335 (Withdrawn Standard)
5493	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	ISO 2719
5494	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	ASTM D 971
5495	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	ASTM D 971 (Withdrawn Standard)
5496	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IEC 60296
5497	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IEC 60296 (Withdrawn Standard)
5498	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IEC 60422
5499	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IS 1866
5500	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IS 1866 (Withdrawn Standard)
5501	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IS 335
5502	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IS 335 (Withdrawn Standard)
5503	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IS 6104



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5504	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Kinematic Viscosity	IEC 60296
5505	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Kinematic Viscosity	IEC 60296 (Withdrawn Standard)
5506	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Kinematic Viscosity	IEC 60422
5507	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Kinematic Viscosity	IS 1448(Pt.25)
5508	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Kinematic Viscosity	IS 16084
5509	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Kinematic Viscosity	IS 1866 (Withdrawn Standard)
5510	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Kinematic Viscosity	IS 335 (Withdrawn Standard)
5511	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Kinematic Viscosity	ISO 3104
5512	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Kinematic Viscosity	ISO 3105
5513	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Neutralization value	IEC 60422
5514	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Neutralization value	IS 1448 (Part 2)
5515	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Neutralization value	IS 1448 (Part 2) (Withdrawn Standard)
5516	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Neutralization value	IS 1866 (Withdrawn Standard)
5517	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Neutralization value	IS 335 (Withdrawn Standard)



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5518	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Pour Point	IEC 60296
5519	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Pour Point	IEC 60296 (Withdrawn Standard)
5520	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Pour Point	IEC 60422
5521	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Pour Point	IS 1448 (Pt.10/sec 2)
5522	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Pour Point	IS 1448(Pt.10)
5523	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Pour Point	IS 1866
5524	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Pour Point	IS 1866 (Withdrawn Standard)
5525	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Pour Point	IS 335
5526	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Pour Point	IS 335 (Withdrawn Standard)
5527	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Pour Point	ISO 3016
5528	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Specific Resistance (Resistivity)	IEC 60247
5529	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Specific Resistance (Resistivity)	IEC 60422
5530	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Specific Resistance (Resistivity)	IS 1866
5531	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Specific Resistance (Resistivity)	IS 1866 (Withdrawn Standard)



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5532	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Specific Resistance (Resistivity)	IS 335 (Withdrawn Standard)
5533	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Specific Resistance (Resistivity)	IS 6103
5534	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IEC 60296
5535	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IEC 60296 (Withdrawn Standard)
5536	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IEC 60422
5537	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IEC 60814
5538	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IS 13567
5539	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IS 1866
5540	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IS 1866 (Withdrawn Standard)
5541	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IS 335
5542	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IS 335 (Withdrawn Standard)
5543	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Corrosive Sulphur	IEC 62770
5544	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural Ester oil	Fire point	IEC 62770
5545	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural Ester oil	Fire point	IS 16659



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5546	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural Ester oil	Fire point	ISO 2592
5547	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Appearance	IEC 62770
5548	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Appearance	IS 16659
5549	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Breakdown Voltage	IEC 60156
5550	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Breakdown Voltage	IEC 62770
5551	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Breakdown Voltage	IS 16659
5552	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Corrosive Sulphur	ASTM D 1275
5553	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Corrosive Sulphur	IEC 62270
5554	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Corrosive Sulphur	IS 16659
5555	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused natural ester oil	Density	IEC 62770
5556	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused natural ester oil	Density	IS 16659
5557	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused natural ester oil	Density	ISO 3675
5558	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Dielectric Dissipation Factor	IEC 60247
5559	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Dielectric Dissipation Factor	IEC 62770



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5560	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Dielectric Dissipation Factor	IS 16659
5561	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused natural ester oil	Flash Point	IEC 62770
5562	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused natural ester oil	Flash Point	IS 16659
5563	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused natural ester oil	Flash Point	ISO 2719
5564	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Kinematic Viscosity	ISO 3104
5565	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Kinematic Viscosity	ISO 3105
5566	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Oxidation Stability After ageing Acidity, Viscosity & Dissipation factor are measured	IEC 61125
5567	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Oxidation Stability After ageing Acidity, Viscosity & Dissipation factor are measured	IEC 61125 (Withdrawn Standard)
5568	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Oxidation Stability After ageing Acidity, Viscosity & Dissipation factor are measured	IEC 62770
5569	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Oxidation Stability After ageing Acidity, Viscosity & Dissipation factor are measured	IS 16659
5570	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused natural ester oil	Pour Point	IEC 62770
5571	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused natural ester oil	Pour Point	IS 16659
5572	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused natural ester oil	Pour Point	ISO 3016
5573	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Soluble Acidity(by Automatic potentiometric titration)	IEC 62021 Pt-3



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5574	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Soluble Acidity(by Automatic potentiometric titration)	IEC 62770
5575	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Solution Acidity(by Automatic potentiometric titration)	IS 16659
5576	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Viscosity	IEC 62770
5577	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Viscosity	IS 16659
5578	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Water Content	IEC 60814
5579	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Water Content	IEC 62770
5580	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Natural ester oil	Water Content	IS 16659
5581	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic ester oil	Fire point	IEC 61099
5582	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic ester oil	Fire point	IS 16081
5583	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic ester oil	Fire point	ISO 2592
5584	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Acidity(by Automatic potentiometric titration)	IEC 61099
5585	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Acidity(by Automatic potentiometric titration)	IEC 62021 Pt-1
5586	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Acidity(by Automatic potentiometric titration)	IS 16081
5587	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Appearance	IEC 61099



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5588	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Appearance	IS 16081
5589	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Breakdown Voltage	IEC 60156
5590	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Breakdown Voltage	IEC 61099
5591	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Breakdown Voltage	IS 16081
5592	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused synthetic organic ester oil	Density	IEC 61099
5593	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused synthetic organic ester oil	Density	IS 16081
5594	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused synthetic organic ester oil	Density	ISO 3675
5595	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Dielectric Dissipation Factor	IEC 60247
5596	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Dielectric Dissipation Factor	IEC 61099
5597	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Dielectric Dissipation Factor	IS 16081
5598	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused synthetic organic ester oil	Flash Point	IEC 61099
5599	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused synthetic organic ester oil	Flash Point	IS 16081
5600	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused synthetic organic ester oil	Flash Point	ISO 2719
5601	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Kinematic Viscosity	IEC 61099



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5602	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Kinematic Viscosity	IS 16081
5603	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Kinematic Viscosity	ISO 3104
5604	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Kinematic Viscosity	ISO 3105
5605	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Oxidation Stability After ageing Neutralisation Value & Total Sludge are measured	IEC 61099
5606	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Oxidation Stability After ageing Neutralisation Value & Total Sludge are measured	IEC 61125
5607	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Oxidation Stability After ageing Neutralisation Value & Total Sludge are measured	IEC 61125 (Withdrawn Standard)
5608	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Oxidation Stability After ageing Neutralisation Value & Total Sludge are measured	IS 16081
5609	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Pour Point	IEC 61099
5610	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Pour Point	IS 16081
5611	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Pour Point	ISO 3016
5612	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Specific Resistance (DC Resistivity)	IEC 61099
5613	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Specific Resistance (DC Resistivity)	IS 16081
5614	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Specific Resistance (Resistivity)	IEC 60247
5615	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Water Content	IEC 60814



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5616	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Water Content	IEC 61099
5617	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused Synthetic organic ester oil	Water Content	IS 16081
5618	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic ester oil	Fire point	IEC 61203
5619	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic ester oil	Fire point	ISO 2592
5620	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Flash Point	IEC 61203
5621	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Flash Point	IS 16099
5622	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Water Content	IEC 60814
5623	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Water Content	IEC 61203
5624	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Water Content	IS 16099
5625	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Specific Resistance (Resistivity)	IEC 60247
5626	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Breakdown Voltage	IEC 61203
5627	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Breakdown Voltage	IS 16099
5628	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Color & Appearance	IEC 61203
5629	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Color & Appearance	IS 16099



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5630	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Density	ISO 3675
5631	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Dielectric Dissipation Factor	IEC 60247
5632	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Dielectric Dissipation Factor	IEC 61203
5633	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Dielectric Dissipation Factor	IS 16099
5634	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Electric strength	IEC 60156
5635	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Flash Point	ISO 2719
5636	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Kinematic Viscosity	IEC 61203
5637	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Kinematic Viscosity	IS 16099
5638	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Kinematic Viscosity	ISO 3104
5639	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Kinematic Viscosity	ISO 3105
5640	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Neutralisation Value (by Automatic potentiometric titration)	IEC 61203
5641	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Neutralisation Value (by Automatic potentiometric titration)	IEC 62021 Pt 1
5642	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Neutralisation Value (by Automatic potentiometric titration)	IS 16099
5643	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Specific Resistance (D.C. Resistivity)	IEC 61203



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5644	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Specific Resistance (D.C. Resistivity)	IS 16099
5645	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Density	IEC 61203
5646	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Density	IS 16099
5647	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	luminaries for Road & street lighting	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IEC 60598-2-3
5648	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	luminaries for Road & street lighting	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IS:10322 (Part 5/Sec 3)
5649	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	luminaries for Road & street lighting	Vibration Test	IS:10322 (Part 5/Sec 3) in conjunction with IS 10322 (Part 1):(2014)
5650	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	Circuit power factor	IEC: 60929
5651	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	Endurance Test	IEC: 60929
5652	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	General statement	IEC: 60929
5653	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	Impedance at audio frequencies	IEC: 60929
5654	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	Lamp operating Current Waveform	IEC: 60929
5655	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	Marking	IEC: 60929
5656	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	Maximum current in any lead to a cathode	IEC: 60929
5657	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	Operating conditions	IEC: 60929



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5658	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	Operational Tests for Abnormal Condition	IEC: 60929
5659	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	Supply current	IEC: 60929
5660	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. OR a.c. SUPPLIED ELECTRONIC CONTROL GEAR FOR LED MODULES — PERFORMANCE REQUIREMENTS	Circuit Power Factor	IS:16104
5661	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. OR a.c. SUPPLIED ELECTRONIC CONTROL GEAR FOR LED MODULES — PERFORMANCE REQUIREMENTS	Endurance Test	IS:16104
5662	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. OR a.c. SUPPLIED ELECTRONIC CONTROL GEAR FOR LED MODULES — PERFORMANCE REQUIREMENTS	Marking	IS:16104
5663	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. OR a.c. SUPPLIED ELECTRONIC CONTROL GEAR FOR LED MODULES — PERFORMANCE REQUIREMENTS	Operational test for abnormal conditions	IS:16104
5664	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. OR a.c. SUPPLIED ELECTRONIC CONTROL GEAR FOR LED MODULES — PERFORMANCE REQUIREMENTS	Output Voltage and Current	IS:16104
5665	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. OR a.c. SUPPLIED ELECTRONIC CONTROL GEAR FOR LED MODULES — PERFORMANCE REQUIREMENTS	Supply current	IS:16104
5666	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. OR a.c. SUPPLIED ELECTRONIC CONTROL GEAR FOR LED MODULES — PERFORMANCE REQUIREMENTS	Total Circuit Power	IS:16104
5667	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. or a.c. Supplied Electronic Controlgear for LED Modules	Construction	IS:15885 (Part-2/Sec 13)
5668	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. or a.c. Supplied Electronic Controlgear for LED Modules	Creepage distances and clearances	IS:15885 (Part-2/Sec 13)
5669	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. or a.c. Supplied Electronic Controlgear for LED Modules	Electric strength	IS:15885 (Part-2/Sec 13)
5670	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. or a.c. Supplied Electronic Controlgear for LED Modules	Fault conditions	IS:15885 (Part-2/Sec 13)
5671	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. or a.c. Supplied Electronic Controlgear for LED Modules	Marking.	IS:15885 (Part-2/Sec 13)



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5672	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. or a.c. Supplied Electronic Controlgear for LED Modules	Moisture resistance & insulation	IS:15885 (Part-2/Sec 13)
5673	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. or a.c. Supplied Electronic Controlgear for LED Modules	Protection against accidental contact with live parts	IS:15885 (Part-2/Sec 13)
5674	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. or a.c. Supplied Electronic Controlgear for LED Modules	Provision for protective earthing	IS:15885 (Part-2/Sec 13)
5675	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. or a.c. Supplied Electronic Controlgear for LED Modules	Resistance to corrosion	IS:15885 (Part-2/Sec 13)
5676	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. or a.c. Supplied Electronic Controlgear for LED Modules	Resistance to Heat, Fire and tracking	IS:15885 (Part-2/Sec 13)
5677	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. or a.c. Supplied Electronic Controlgear for LED Modules	Screws, current carrying Parts and Connection	IS:15885 (Part-2/Sec 13)
5678	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. or a.c. Supplied Electronic Controlgear for LED Modules	Terminals	IS:15885 (Part-2/Sec 13)
5679	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	d.c. or a.c. Supplied Electronic Controlgear for LED Modules	Transformer Heating	IS:15885 (Part-2/Sec 13)
5680	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC supplied electronic controlgear for LED modules - Performance requirements	Circuit Power Factor	IEC:62384
5681	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC supplied electronic controlgear for LED modules - Performance requirements	Endurance Test	IEC:62384
5682	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC supplied electronic controlgear for LED modules - Performance requirements	Marking	IEC:62384
5683	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC supplied electronic controlgear for LED modules - Performance requirements	Operational tests for abnormal conditions	IEC:62384
5684	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC supplied electronic controlgear for LED modules - Performance requirements	Output Voltage and Current	IEC:62384
5685	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC supplied electronic controlgear for LED modules - Performance requirements	Supply current	IEC:62384



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5686	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	DC or AC supplied electronic controlgear for LED modules - Performance requirements	Total Circuit Power	IEC:62384
5687	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Double-capped fluorescent lamps - Safety specifications	Creepage Distance for Caps	IEC:61195
5688	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Double-capped fluorescent lamps - Safety specifications	Electric Strength	IEC:61195
5689	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Double-capped fluorescent lamps - Safety specifications	Insulation Resistance	IEC:61195
5690	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Double-capped fluorescent lamps - Safety specifications	Lamp Cap Temperature Rise	IEC:61195
5691	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Double-capped fluorescent lamps - Safety specifications	Lamp Minimum Overall Length	IEC:61195
5692	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Double-capped fluorescent lamps - Safety specifications	Marking	IEC:61195
5693	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Double-capped fluorescent lamps - Safety specifications	Mechanical Requirements for Caps	IEC:61195
5694	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Double-capped fluorescent lamps - Safety specifications	Parts Which can Become Accidentally Live	IEC:61195
5695	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Double-capped fluorescent lamps - Safety specifications	Resistance to Heat and Fire	IEC:61195
5696	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Abnormal Condition	IS:13021 (Part-1)
5697	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Circuit P.F	IS:13021 (Part-2)
5698	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Creepage distances and clearances	IS:13021 (Part-1)
5699	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Current carrying Parts and Connection	IS:13021 (Part-1)



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5700	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Current Waveform	IS:13021 (Part-2)
5701	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Electric strength	IS:13021 (Part-1)
5702	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Endurance Test	IS:13021 (Part-2)
5703	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Fault conditions	IS:13021 (Part-1)
5704	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	General statement	IS:13021 (Part-2)
5705	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Magnetic screening	IS:13021 (Part-2)
5706	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Marking	IS:13021 (Part-2)
5707	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Marking.	IS:13021 (Part-1)
5708	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Maximum current in any lead to a cathode	IS:13021 (Part-2)
5709	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Moisture resistance & Insulation	IS:13021 (Part-1)
5710	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Operational Tests for Abnormal Condition	IS:13021 (Part-2)
5711	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Protection against accidental contact with live parts and Protection against electric shock	IS:13021 (Part-1)
5712	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Provision for Earthing.	IS:13021 (Part-1)



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5713	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Resistance to corrosion	IS:13021 (Part-1)
5714	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Resistance to Heat & fire	IS:13021 (Part-1)
5715	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Supply current	IS:13021 (Part-2)
5716	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Terminals	IS:13021 (Part-1)
5717	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Electronic Ballast for tubular fluorescent lamps	Operating conditions	IS:13021 (Part-2)
5718	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Endurance Test& Thermal test	IEC: 60598-2-22
5719	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	External & Internal wiring	IEC: 60598-2-22
5720	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Protection against electric shock	IEC: 60598-2-22
5721	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Battery charges for self-contained emergency luminaire	IEC: 60598-2-22
5722	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Battery charges for self-contained emergency luminaire	IS:10322 (Part 5/Sec 8)
5723	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Changeover Operation	IEC: 60598-2-22
5724	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Changeover Operation	IS:10322 (Part 5/Sec 8)
5725	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Construction	IEC: 60598-2-22
5726	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Construction	IS:10322 (Part 5/Sec 8)



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5727	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Creepage distances and clearances	IEC: 60598-2-22
5728	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Creepage distances and clearances	IS:10322 (Part 5/Sec 8)
5729	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Endurance Test& Thermal test	IS:10322 (Part 5/Sec 8)
5730	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	External & Internal wiring	IS:10322 (Part 5/Sec 8)
5731	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Functional Safety	IS:10322 (Part 5/Sec 8)
5732	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	High Temperature Operation	IEC: 60598-2-22
5733	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	High Temperature Operation	IS:10322 (Part 5/Sec 8)
5734	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Insulation Resistance & Electric Strength	IEC: 60598-2-22
5735	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Insulation Resistance & Electric Strength	IS:10322 (Part 5/Sec 8)
5736	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Marking	IEC: 60598-2-22
5737	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Marking	IS:10322 (Part 5/Sec 8)
5738	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Photometric data	IEC: 60598-2-22
5739	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Protection against electric shock	IS:10322 (Part 5/Sec 8)
5740	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Provision for Earthing	IEC: 60598-2-22



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5741	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Resistance to Dust & moisture	IEC: 60598-2-22
5742	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Resistance to Dust & moisture, Ingress Protection Test Humidity Test	IS:10322 (Part 5/Sec 8)
5743	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Resistance to Heat, fire and tracking	IEC: 60598-2-22
5744	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Resistance to Heat, fire and tracking	IS:10322 (Part 5/Sec 8)
5745	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Rest Mode & Inhibition Mode Facilities	IS:10322 (Part 5/Sec 8)
5746	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Terminals	IEC: 60598-2-22
5747	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Terminals	IS:10322 (Part 5/Sec 8)
5748	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Terminals	IEC: 60598-2-22
5749	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Test devices for emergency operation	IEC: 60598-2-22
5750	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency Lighting	Test devices for emergency operation	IS:10322 (Part 5/Sec 8)
5751	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency lights	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IEC 60598-2-22
5752	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency lights	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IS:10322 (Part 5/Sec 8)
5753	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency lights	Provision for Earthing	IS:10322 (Part 5/Sec 8)
5754	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency lights	Vibration Test	IS:10322 (Part 5/Sec 8) in conjunction with IS 10322 (Part 1):(2014)



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5755	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Emergency lights	Vibration Test	IEC 60598-2-22 in conjunction with IEC 60598-1:(2020)
5756	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Construction	IEC:60598-2-1
5757	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Construction	IS:10322 (Part 5/Sec 1)
5758	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Creepage distances and clearances	IEC:60598-2-1
5759	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Creepage distances and clearances	IS:10322 (Part 5/Sec 1)
5760	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Endurance Test& Thermal test	IEC:60598-2-1
5761	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Endurance Test& Thermal test	IS:10322 (Part 5/Sec 1)
5762	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	External & Internal wiring	IEC:60598-2-1
5763	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	External & Internal wiring	IS:10322 (Part 5/Sec 1)
5764	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Insulation Resistance & Electric Strength	IEC:60598-2-1
5765	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Insulation Resistance & Electric Strength	IS:10322 (Part 5/Sec 1)
5766	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Marking	IEC:60598-2-1
5767	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Marking	IS:10322 (Part 5/Sec 1)
5768	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Photometric test	IS:10322 (Part 5/Sec 1)



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5769	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Protection against electric shock	IS:10322 (Part 5/Sec 1)
5770	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Protection against electric shock	IEC:60598-2-1
5771	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Provision for Earthing	IEC:60598-2-1
5772	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Provision for Earthing	IS:10322 (Part 5/Sec 1)
5773	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IEC 60598-2-1
5774	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IS:10322 (Part 5/Sec 1)
5775	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Resistance to Dust, solid objects & moisture	IEC:60598-2-1
5776	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Resistance to Heat fire and tracking	IEC:60598-2-1
5777	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Resistance to Heat fire and tracking	IS:10322 (Part 5/Sec 1)
5778	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Terminals	IEC:60598-2-1
5779	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Terminals	IS:10322 (Part 5/Sec 1)
5780	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Resistance to Dust & moisture, Ingress Protection Test Humidity Test	IS:10322 (Part 5/Sec 1)
5781	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Vibration Test	IS:10322 (Part 5/Sec 1) in conjunction with IS 10322 (Part 1):(2014)
5782	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Vibration Test	IEC:60598-2-1 in conjunction with IEC 60598-1:(2020)



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5783	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IS:10322 (Part 5/Sec 5)
5784	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IEC 60598-2-5
5785	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Vibration Test	IEC 60598-2-5 in conjunction with IEC 60598-1:(2020)
5786	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Flood lights	Vibration Test	IS:10322 (Part 5/Sec 5) in conjunction with IS 10322 (Part 1):(2014)
5787	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Construction	IEC:60598-2-5
5788	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Construction	IS:10322 (Part 5/Sec 5)
5789	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Creepage distances and clearances	IEC:60598-2-5
5790	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Creepage distances and clearances	IS:10322 (Part 5/Sec 5)
5791	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Endurance Test& Thermal test	IS:10322 (Part 5/Sec 5)
5792	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	External & Internal wiring	IEC:60598-2-5
5793	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	External & Internal wiring	IS:10322 (Part 5/Sec 5)
5794	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Insulation Resistance & Electric Strength	IEC:60598-2-5
5795	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Insulation Resistance & Electric Strength	IS:10322 (Part 5/Sec 5)
5796	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Marking	IEC:60598-2-5



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5797	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Marking	IS:10322 (Part 5/Sec 5)
5798	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Photometric test	IS:10322 (Part 5/Sec 5)
5799	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Protection against electric shock	IEC:60598-2-5
5800	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Protection against electric shock	IS:10322 (Part 5/Sec 5)
5801	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Provision for Earthing	IEC:60598-2-5
5802	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Provision for Earthing	IS:10322 (Part 5/Sec 5)
5803	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Resistance to Heat fire and tracking	IS:10322 (Part 5/Sec 5)
5804	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Resistance to Heat, fire and tracking	IEC:60598-2-5
5805	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Terminals	IEC:60598-2-5
5806	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Terminals	IS:10322 (Part 5/Sec 5)
5807	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Endurance Tests & Thermal tests	IEC:60598-2-5
5808	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Resistance to Dust & moisture	IEC:60598-2-5
5809	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Floodlights	Resistance to Dust & moisture, Ingress Protection Test Humidity Test	IS:10322 (Part 5/Sec 5)
5810	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand lamps	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IEC 60598-2-8



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5811	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand lamps	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IS:10322 (Part 5/Sec 6)
5812	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand lamps	Vibration Test	IS:10322 (Part 5/Sec 6) in conjunction with IS 10322 (Part 1):(2014)
5813	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Hand lamps	Vibration Test	IEC 60598-2-8 in conjunction with IEC 60598-1:(2020)
5814	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Construction	IEC: 60598-2-8
5815	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Construction	IS:10322 (Part 5/Sec 6)
5816	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Creepage distances and clearances	IEC: 60598-2-8
5817	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Creepage distances and clearances	IS:10322 (Part 5/Sec 6)
5818	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Endurance Test& Thermal test	IEC: 60598-2-8
5819	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Endurance Test& Thermal test	IS:10322 (Part 5/Sec 6)
5820	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	External & Internal wiring	IEC: 60598-2-8
5821	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	External & Internal wiring	IS:10322 (Part 5/Sec 6)
5822	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Insulation Resistance & Electric Strength	IEC: 60598-2-8
5823	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Insulation Resistance & Electric Strength	IS:10322 (Part 5/Sec 6)
5824	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Marking	IEC: 60598-2-8



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5825	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Marking	IS:10322 (Part 5/Sec 6)
5826	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Protection against electric shock	IEC: 60598-2-8
5827	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Protection against electric shock	IS:10322 (Part 5/Sec 6)
5828	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Provision for Earthing	IEC: 60598-2-8
5829	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Provision for Earthing	IS:10322 (Part 5/Sec 6)
5830	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Resistance to Heat fire and tracking	IEC: 60598-2-8
5831	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Resistance to Heat fire and tracking	IS:10322 (Part 5/Sec 6)
5832	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Terminals	IEC: 60598-2-8
5833	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Terminals	IS:10322 (Part 5/Sec 6)
5834	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Resistance to Dust & moisture	IEC: 60598-2-8
5835	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Handlamps	Resistance to Dust & moisture, Ingress Protection Test Humidity Test	IS:10322 (Part 5/Sec 6)
5836	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	HIGH PRESSURE SODIUM VAPOUR LAMPS	Caps (Insulation resistance test and Cap dimension test )	IS:9974 (Part-1)
5837	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	HIGH PRESSURE SODIUM VAPOUR LAMPS	Lamp Dimensions	IS:9974 (Part-1)
5838	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	HIGH PRESSURE SODIUM VAPOUR LAMPS	Lamp electrical characteristics	IS:9974 (Part-1)



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5839	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	HIGH PRESSURE SODIUM VAPOUR LAMPS	Lamp Extinguishing Voltage Test	IS:9974 (Part-1)
5840	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	HIGH PRESSURE SODIUM VAPOUR LAMPS	Lamp starting	IS:9974 (Part-1)
5841	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	HIGH PRESSURE SODIUM VAPOUR LAMPS	Lamp starting and warm up test	IS:9974 (Part-1)
5842	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	HIGH PRESSURE SODIUM VAPOUR LAMPS	Marking	IS:9974 (Part-1)
5843	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	HIGH PRESSURE SODIUM VAPOUR LAMPS	Test for life performance	IS:9974 (Part-1)
5844	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	HIGH PRESSURE SODIUM VAPOUR LAMPS	Torsion test / Mechanical requirements	IS:9974 (Part-1)
5845	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, Luminaries and accessories	Harmonic current limits	IEC:61000-3-2
5846	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Visual Screening	IS 16476 (Part 2)
5847	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Autonomy	IS 16476 (Part 1)
5848	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Battery reverse polarity protection	IS 16476 (Part 1)
5849	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Battery Test	IS 16476 (Part 2)
5850	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Battery	IS 16476 (Part 1)
5851	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Cable	IS 16476 (Part 1)
5852	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Charge Controller behaviour Test	IS 16476 (Part 2)



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5853	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Charging circuit efficiency	IS 16476 (Part 1)
5854	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Durability, Drop Test	IS 16476 (Part 1)
5855	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Duty Cycle Test	IS 16476 (Part 2)
5856	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Duty Cycle	IS 16476 (Part 1)
5857	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Full Battery Run time/Autonomy Test	IS 16476 (Part 2)
5858	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	LED Driver efficiency and variation in output	IS 16476 (Part 1)
5859	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	LED	IS 16476 (Part 1)
5860	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Load short circuit protection	IS 16476 (Part 1)
5861	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Lumen maintenance Test	IS 16476 (Part 1)
5862	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Lumen maintenance Test	IS 16476 (Part 2)
5863	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Marking	IS 16476 (Part 1)
5864	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Mechanical Durability Test	IS 16476 (Part 2)
5865	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Minimum Illuminance with distance	IS 16476 (Part 1)
5866	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	No load protection	IS 16476 (Part 1)



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5867	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Other protection Test	IS 16476 (Part 2)
5868	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Overcharge and deep discharge protection	IS 16476 (Part 1)
5869	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Protection against environmental aspects	IS 16476 (Part 1)
5870	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Protection against open circuit, short circuit and reverse polarity	IS 16476 (Part 1)
5871	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	PV Module characteristics Test	IS 16476 (Part 2)
5872	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	PV Module	IS 16476 (Part 1)
5873	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Sample Preparation	IS 16476 (Part 2)
5874	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Solar Charge Efficiency Test	IS 16476 (Part 2)
5875	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Switch and connector test	IS 16476 (Part 1)
5876	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Temperature Compensation	IS 16476 (Part 1)
5877	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Temperature Compensation	IS 16476 (Part 2)
5878	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED Based Solar Lantern	Visual Screening	IS 16476 (Part 1)
5879	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Construction	IS:10322 (Part 5/Sec 7)
5880	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Creepage distances and clearances	IS:10322 (Part 5/Sec 7)



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5881	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Endurance Test& Thermal test	IS:10322 (Part 5/Sec 7)
5882	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	External & Internal wiring	IS:10322 (Part 5/Sec 7)
5883	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Marking	IS:10322 (Part 5/Sec 7)
5884	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Protection against electric shock	IS:10322 (Part 5/Sec 7)
5885	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Provision for Earthing	IS:10322 (Part 5/Sec 7)
5886	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IEC 60598-2-20
5887	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IS:10322 (Part 5/Sec 7)
5888	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Resistance to Heat fire and tracking	IS:10322 (Part 5/Sec 7)
5889	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Terminals	IS:10322 (Part 5/Sec 7)
5890	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Insulation Resistance & Electric Strength	IS:10322 (Part 5/Sec 7)
5891	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting Chains	Resistance to Dust & moisture, Ingress Protection Test Humidity Test	IS:10322 (Part 5/Sec 7)
5892	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Vibration Test	IEC 60598-2-20 in conjunction with IEC 60598-1:(2020)
5893	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lighting chains	Vibration Test	IS:10322 (Part 5/Sec 7) in conjunction with IS 10322 (Part 1):(2014)
5894	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IEC 60598-1



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5895	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IS 10322 (Part 1)
5896	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Vibration Test	IEC 60598-1
5897	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Construction	IEC:60598-2-3
5898	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Construction	IS:10322 (Part 5/Sec 3)
5899	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Creepage distances and clearances	IEC:60598-2-3
5900	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Creepage distances and clearances	IS:10322 (Part 5/Sec 3)
5901	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Endurance Test& Thermal test	IS:10322 (Part 5/Sec 3)
5902	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Endurance Tests & Thermal tests	IEC:60598-2-3
5903	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	External & Internal wiring	IEC:60598-2-3
5904	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	External & Internal wiring	IS:10322 (Part 5/Sec 3)
5905	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Insulation Resistance & Electric Strength	IEC:60598-2-3
5906	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Insulation Resistance & Electric Strength	IS:10322 (Part 5/Sec 3)
5907	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Marking	IEC:60598-2-3
5908	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Marking	IS:10322 (Part 5/Sec 3)



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5909	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Photometric test	IS:10322 (Part 5/Sec 3)
5910	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Protection against electric shock	IEC:60598-2-3
5911	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Protection against electric shock	IS:10322 (Part 5/Sec 3)
5912	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Provision for Earthing	IEC:60598-2-3
5913	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Provision for Earthing	IS:10322 (Part 5/Sec 3)
5914	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Resistance to Dust & moisture, Ingress Protection Test Humidity Test	IS:10322 (Part 5/Sec 3)
5915	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Resistance to Heat fire and tracking	IS:10322 (Part 5/Sec 3)
5916	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Resistance to Heat, fire and tracking	IEC:60598-2-3
5917	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Terminals	IS:10322 (Part 5/Sec 3)
5918	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Terminals	IEC:60598-2-3
5919	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires for Road and Street Lighting	Resistance to Dust & moisture	IEC:60598-2-3
5920	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Construction	IS:10322 (Part 1)
5921	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Provision for Earthing	IS:10322 (Part 1)
5922	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Screw Terminals	IEC 60598-1



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5923	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Construction	IEC 60598-1
5924	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Creepage distances and clearances	IEC 60598-1
5925	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Creepage distances and clearances	IS:10322 (Part 1)
5926	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Endurance Test & Thermal test	IEC 60598-1
5927	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Endurance Test& Thermal test	IS:10322 (Part 1)
5928	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	External & Internal wiring	IEC 60598-1
5929	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	External & Internal wiring	IS:10322 (Part 1)
5930	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Insulation Resistance & Electric Strength	IEC 60598-1
5931	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Insulation Resistance & Electric Strength	IS:10322 (Part 1)
5932	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Marking	IEC 60598-1
5933	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Marking	IS:10322 (Part 1)
5934	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Protection against electric shock	IS:10322 (Part 1)
5935	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Protection against electric shock	IEC 60598-1
5936	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Provision for Earthing	IEC 60598-1



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5937	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Resistance to Dust & moisture, Ingress Protection Test Humidity Test	IEC 60598-1
5938	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Resistance to Dust & moisture, Ingress Protection Test Humidity Test	IS:10322 (Part 1)
5939	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Resistance to Heat, fire and tracking	IEC 60598-1
5940	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Resistance to Heat, fire and tracking	IS:10322 (Part 1)
5941	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Screw Terminals	IS:10322 (Part 1)
5942	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Screwless Terminals and electrical connections	IEC 60598-1
5943	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Screwless Terminals and electrical connections	IS:10322 (Part 1)
5944	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires Part 1 General Requirements and Tests	Vibration Test	IS 10322 (Part 1)
5945	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Luminaires performance Section 2: LED Street Lighting Luminaire	Ingress Protection (IP6X & IPX5 to IPX8)	IS:16107 (Part 2/Sec 2)
5946	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	luminaries for Road & street lighting	Vibration Test	IEC: 60598-2-3 in conjunction with IEC 60598-1:(2020)
5947	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	Electric strength	IEC:61347-2-3
5948	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	Abnormal Condition	IEC:61347-2-3
5949	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	Construction	IEC:61347-2-3
5950	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	Marking.	IEC:61347-2-3



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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5951	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	Terminals	IEC:61347-2-3
5952	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	Resistance to Heat & fire	IEC:61347-2-3
5953	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	Creepage distances and clearances	Cl. No. 19 of IEC:61347-2-3
5954	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	Fault conditions	IEC:61347-2-3
5955	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	Moisture resistance & Insulation	IEC:61347-2-3
5956	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	Protection against accidental contact with live parts	IEC:61347-2-3
5957	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	Provision for Earthing.	IEC:61347-2-3
5958	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	Resistance to corrosion	IEC:61347-2-3
5959	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	Screws, Current carrying Parts and Connection	IEC:61347-2-3
5960	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	Electric strength	IEC:61347-2-13
5961	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	Fault conditions	IEC:61347-2-13
5962	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	Construction	IEC:61347-2-13
5963	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	Creepage distances and clearances	IEC:61347-2-13
5964	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	Marking.	IEC:61347-2-13



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5965	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	Maximum working voltage (Uout) in any load condition	IEC:61347-2-13
5966	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	Moisture resistance & insulation	IEC:61347-2-13
5967	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	Protection against accidental contact with live parts	IEC:61347-2-13
5968	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	Provision for protective earthing	IEC:61347-2-13
5969	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	Resistance to corrosion	IEC:61347-2-13
5970	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	Resistance to Heat, Fire and tracking	IEC:61347-2-13
5971	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	Screws, current carrying Parts and Connection	IEC:61347-2-13
5972	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	Terminals	IEC:61347-2-13
5973	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	Transformer Heating	IEC:61347-2-13
5974	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Construction	IEC:60598-2-4
5975	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Construction	IS:10322 (Part 5/Sec 4)
5976	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Creepage distances and clearances	IEC:60598-2-4
5977	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Creepage distances and clearances	IS:10322 (Part 5/Sec 4)
5978	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Endurance Test& Thermal test	IS:10322 (Part 5/Sec 4)



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5979	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Endurance Tests & Thermal test	IEC:60598-2-4
5980	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	External & Internal wiring	IEC:60598-2-4
5981	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	External & Internal wiring	IS:10322 (Part 5/Sec 4)
5982	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Insulation Resistance & Electric Strength	IEC:60598-2-4
5983	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Marking	IEC:60598-2-4
5984	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Marking	IS:10322 (Part 5/Sec 4)
5985	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Photometric test	IS:10322 (Part 5/Sec 4)
5986	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Protection against electric shock	IEC:60598-2-4
5987	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Protection against electric shock	IS:10322 (Part 5/Sec 4)
5988	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Provision for Earthing	IEC:60598-2-4
5989	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Provision for Earthing	IS:10322 (Part 5/Sec 4)
5990	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IS:10322 (Part 5/Sec 4)
5991	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IEC 60598-2-4
5992	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Resistance to Heat fire and tracking	IEC:60598-2-4



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5993	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Resistance to Heat fire and tracking	IS:10322 (Part 5/Sec 4)
5994	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Terminals	IEC:60598-2-4
5995	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Terminals	IS:10322 (Part 5/Sec 4)
5996	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Insulation Resistance & Electric Strength	IS:10322 (Part 5/Sec 4)
5997	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Resistance to Dust & moisture	IEC:60598-2-4
5998	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Portable General Purpose Luminaires	Resistance to Dust & moisture	IS:10322 (Part 5/Sec 4)
5999	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Construction	IEC:60598-2-2
6000	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Construction	IS:10322 (Part 5/Sec 2)
6001	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Creepage distances and clearances	IEC:60598-2-2
6002	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Creepage distances and clearances	IS:10322 (Part 5/Sec 2)
6003	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Endurance Test& Thermal test	IEC:60598-2-2
6004	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Endurance Test& Thermal test	IS:10322 (Part 5/Sec 2)
6005	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	External & Internal wiring	IEC:60598-2-2
6006	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	External & Internal wiring	IS:10322 (Part 5/Sec 2)



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6007	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Insulation Resistance & Electric Strength	IEC:60598-2-2
6008	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Insulation Resistance & Electric Strength	IS:10322 (Part 5/Sec 2)
6009	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Marking	IEC:60598-2-2
6010	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Marking	IS:10322 (Part 5/Sec 2)
6011	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Photometric test	IS:10322 (Part 5/Sec 2)
6012	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Protection against electric shock	IEC:60598-2-2
6013	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Protection against electric shock	IS:10322 (Part 5/Sec 2)
6014	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Provision for Earthing	IEC:60598-2-2
6015	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Provision for Earthing	IS:10322 (Part 5/Sec 2)
6016	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Resistance to Heat fire and tracking	IS:10322 (Part 5/Sec 2)
6017	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Resistance to Heat, fire and tracking	IEC:60598-2-2
6018	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Terminals	IEC:60598-2-2
6019	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Terminals	IS:10322 (Part 5/Sec 2)
6020	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Resistance to Dust & moisture	IEC:60598-2-2



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6021	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed Luminaires	Resistance to Dust & moisture, Ingress Protection Test Humidity Test	IS:10322 (Part 5/Sec 2)
6022	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IEC 60598-2-2
6023	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Resistance to dust & moisture (IP1X to 6X & IPX1 to IPX8)	IS:10322 (Part 5/Sec 2)
6024	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Vibration Test	IEC:60598-2-2 in conjunction with IEC 60598-1:(2020)
6025	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Recessed luminaires	Vibration Test	IS:10322 (Part 5/Sec 2) in conjunction with IS 10322 (Part 1):(2014)
6026	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Solar street light fitting	STC Test of PV module	12 W WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM
6027	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Solar street light fitting	Autonomy test	12 W WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM
6028	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Solar street light fitting	Capacity test of Battery	12 W WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM
6029	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Solar street light fitting	CCT test of light source	12 W WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM
6030	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Solar street light fitting	Duty Cycle	12 W WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM
6031	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Solar street light fitting	Electronics efficiency test of driver	12 W WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM
6032	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Solar street light fitting	Lux measurement for Light output test	12 W WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM
6033	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Solar street light fitting	Protection test	12 W WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM
6034	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Solar street light fitting	Temperature test on light source	12 W WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM



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6035	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service	Creepage Distance for Caps	IS:2418 (Part-1)
6036	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service	Electric Strength	IS:2418 (Part-1)
6037	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service	Insulation Resistance	IS:2418 (Part-1)
6038	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service	Lamp Cap Temperature Rise	IS:2418 (Part-1)
6039	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service	Lamp Minimum Overall Length	IS:2418 (Part-1)
6040	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service	Marking	IS:2418 (Part-1)
6041	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service	Mechanical Requirements for Caps	IS:2418 (Part-1)
6042	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service	Parts Which can Become Accidentally Live	IS:2418 (Part-1)
6043	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service	Resistance to Heat and Fire	IS:2418 (Part-1)
6044	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service- Performance Requirements	Chromaticity Co-ordinates	IS:2418 (Part-2)
6045	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service- Performance Requirements	Life and Lumen Maintenance	IS:2418 (Part-2)
6046	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service- Performance Requirements	Mechanical, Physical and starting requirements	IS:2418 (Part-2)
6047	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service- Performance Requirements	Visual Examination and Checking for Marking	IS:2418 (Part-2)
6048	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service- Performance Requirements	Burning Test	IS:2418 (Part-2)



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6049	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service- Performance Requirements	Starting Characteristics	IS:2418 (Part-2)
6050	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps for General Lighting Service- Performance Requirements	Test for Electrical Luminous and Colour Characteristics	IS:2418 (Part-2)
6051	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps. (Double capped fluorescent lamps)	Dimensions & Caps./Dimensional requirements for caps, /Lamp minimum overall length	IS: 2418 (Part 1)-Withdrawn
6052	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps. (Double capped fluorescent lamps)	Insulation resistance test	IS: 2418 (Part 1)-Withdrawn
6053	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps. (Double capped fluorescent lamps)	Life test /Lumen maintenance	IS: 2418 (Part 1)-Withdrawn
6054	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps. (Double capped fluorescent lamps)	Test for colour characteristics / Photometric characteristics	IS: 2418 (Part 1)-Withdrawn
6055	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps. (Double capped fluorescent lamps)	Test for electrical and luminous, characteristics / Electrical and cathode characteristics, Photometric characteristics	IS: 2418 (Part 1)-Withdrawn
6056	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps. (Double capped fluorescent lamps)	Testing of starting Characteristics and Burning test. / Starting characteristics	IS: 2418 (Part 1)-Withdrawn
6057	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps. (Double capped fluorescent lamps)	Torsion test/Mechanical requirements for caps	IS: 2418 (Part 1)-Withdrawn
6058	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Tubular Fluorescent Lamps. (Double capped fluorescent lamps)	Visual Examination & Checking for marking/General and Marking	IS: 2418 (Part 1)-Withdrawn
6059	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	White LED (W-LED) Based Solar Lantern / White LED (W-LED) Based Solar Home Lighting System / White LED (W-LED) Based Solar Street Lighting System/ White LED (W-LED) based ' Solar Study Lamp' Model II / Solar Home system (Solar Power Pack)/ Solar based Home system (solar Power Pack) D.C. Model/ Solar based home system (Solar Power Pack) A.C. Model/ White LED (W-LED) Based Solar Home Lighting system with Batten type luminaire	STC Test of PV module	MNRE Technical Specifications for Solar Photovoltaic Lighting Systems & Power Packs (Off-grid Solar Applications Scheme 2016-17)



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6060	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	White LED (W-LED) Based Solar Lantern / White LED (W-LED) Based Solar Home Lighting System / White LED (W-LED) Based Solar Street Lighting System/ White LED (W-LED) based ' Solar Study Lamp' Model II / Solar Home system (Solar Power Pack)/ Solar based Home system (solar Power Pack) D.C. Model/ Solar based home system (Solar Power Pack) A.C. Model/ White LED (W-LED) Based Solar Home Lighting system with Batten type luminaire	Autonomy test	MNRE Technical Specifications for Solar Photovoltaic Lighting Systems & Power Packs (Off-grid Solar Applications Scheme 2016-17)
6061	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	White LED (W-LED) Based Solar Lantern / White LED (W-LED) Based Solar Home Lighting System / White LED (W-LED) Based Solar Street Lighting System/ White LED (W-LED) based ' Solar Study Lamp' Model II / Solar Home system (Solar Power Pack)/ Solar based Home system (solar Power Pack) D.C. Model/ Solar based home system (Solar Power Pack) A.C. Model/ White LED (W-LED) Based Solar Home Lighting system with Batten type luminaire	Capacity test of Battery	MNRE Technical Specifications for Solar Photovoltaic Lighting Systems & Power Packs (Off-grid Solar Applications Scheme 2016-17)
6062	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	White LED (W-LED) Based Solar Lantern / White LED (W-LED) Based Solar Home Lighting System / White LED (W-LED) Based Solar Street Lighting System/ White LED (W-LED) based ' Solar Study Lamp' Model II / Solar Home system (Solar Power Pack)/ Solar based Home system (solar Power Pack) D.C. Model/ Solar based home system (Solar Power Pack) A.C. Model/ White LED (W-LED) Based Solar Home Lighting system with Batten type luminaire	CCT test of light source	MNRE Technical Specifications for Solar Photovoltaic Lighting Systems & Power Packs (Off-grid Solar Applications Scheme 2016-17)
6063	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	White LED (W-LED) Based Solar Lantern / White LED (W-LED) Based Solar Home Lighting System / White LED (W-LED) Based Solar Street Lighting System/ White LED (W-LED) based ' Solar Study Lamp' Model II / Solar Home system (Solar Power Pack)/ Solar based Home system (solar Power Pack) D.C. Model/ Solar based home system (Solar Power Pack) A.C. Model/ White LED (W-LED) Based Solar Home Lighting system with Batten type luminaire	Duty Cycle	MNRE Technical Specifications for Solar Photovoltaic Lighting Systems & Power Packs (Off-grid Solar Applications Scheme 2016-17)
6064	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	White LED (W-LED) Based Solar Lantern / White LED (W-LED) Based Solar Home Lighting System / White LED (W-LED) Based Solar Street Lighting System/ White LED (W-LED) based ' Solar Study Lamp' Model II / Solar Home system (Solar Power Pack)/ Solar based Home system (solar Power Pack) D.C. Model/ Solar based home system (Solar Power Pack) A.C. Model/ White LED (W-LED) Based Solar Home Lighting system with Batten type luminaire	Electronics efficiency test of driver	MNRE Technical Specifications for Solar Photovoltaic Lighting Systems & Power Packs (Off-grid Solar Applications Scheme 2016-17)



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6065	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	White LED (W-LED) Based Solar Lantern / White LED (W-LED) Based Solar Home Lighting System / White LED (W-LED) Based Solar Street Lighting System/ White LED (W-LED) based ' Solar Study Lamp' Model II / Solar Home system (Solar Power Pack)/ Solar based Home system (solar Power Pack) D.C. Model/ Solar based home system (Solar Power Pack) A.C. Model/ White LED (W-LED) Based Solar Home Lighting system with Batten type luminaire	Lux measurement for Light output test	MNRE Technical Specifications for Solar Photovoltaic Lighting Systems & Power Packs (Off-grid Solar Applications Scheme 2016-17)
6066	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	White LED (W-LED) Based Solar Lantern / White LED (W-LED) Based Solar Home Lighting System / White LED (W-LED) Based Solar Street Lighting System/ White LED (W-LED) based ' Solar Study Lamp' Model II / Solar Home system (Solar Power Pack)/ Solar based Home system (solar Power Pack) D.C. Model/ Solar based home system (Solar Power Pack) A.C. Model/ White LED (W-LED) Based Solar Home Lighting system with Batten type luminaire	Protection test	MNRE Technical Specifications for Solar Photovoltaic Lighting Systems & Power Packs (Off-grid Solar Applications Scheme 2016-17)
6067	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	White LED (W-LED) Based Solar Lantern / White LED (W-LED) Based Solar Home Lighting System / White LED (W-LED) Based Solar Street Lighting System/ White LED (W-LED) based ' Solar Study Lamp' Model II / Solar Home system (Solar Power Pack)/ Solar based Home system (solar Power Pack) D.C. Model/ Solar based home system (Solar Power Pack) A.C. Model/ White LED (W-LED) Based Solar Home Lighting system with Batten type luminaire	Run Time	MNRE Technical Specifications for Solar Photovoltaic Lighting Systems & Power Packs (Off-grid Solar Applications Scheme 2016-17)
6068	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	White LED (W-LED) Based Solar Lantern / White LED (W-LED) Based Solar Home Lighting System / White LED (W-LED) Based Solar Street Lighting System/ White LED (W-LED) based ' Solar Study Lamp' Model II / Solar Home system (Solar Power Pack)/ Solar based Home system (solar Power Pack) D.C. Model/ Solar based home system (Solar Power Pack) A.C. Model/ White LED (W-LED) Based Solar Home Lighting system with Batten type luminaire	Temperature test on light source	MNRE Technical Specifications for Solar Photovoltaic Lighting Systems & Power Packs (Off-grid Solar Applications Scheme 2016-17)
6069	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Accelerated Ageing Test	ERDA Test Procedure no. MMET/016
6070	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Lamination Thickness	IEC 60404 (Part 8-7)
6071	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Lamination Thickness	IEC 60404 (Part 8-7) (Withdrawn)
6072	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Lamination Thickness	IS 3024
6073	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Lamination Thickness	IS 649
6074	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Magnetic Permeability	IS 649



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6075	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Magnetic Polarization	IEC 60404 (Part 8-7)
6076	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Magnetic Polarization	IEC 60404 (Part 8-7) (Withdrawn)
6077	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Magnetic Polarization	IS 3024
6078	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Magnetization Characteristics [B-H Curve] / AC B-H Curve/ AC Hysteresis Loop	As per ERDA Test Procedure No. MMET/006
6079	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Peak Value of Magnetic Polarization	IEC 60404 (Part 3)
6080	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Peak Value of Magnetic Polarization	IS 649
6081	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Specific Core Loss Measurement	IS 3024
6082	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Specific Core Loss Measurement / Specific Iron Loss Measurement	IS 649
6083	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Specific Core Loss Measurement Test After Accelerated Ageing Test	IS 3024
6084	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Specific Core Loss Measurement Test After Accelerated Ageing Test / Specific Iron Loss Measurement After Accelerated Ageing Test	IS 649
6085	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Specific Total Loss Measurement	IEC 60404 (Part 8-7)
6086	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Specific Total Loss Measurement	IEC 60404 (Part 3)
6087	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Specific Total Loss Measurement	IEC 60404 (Part 8-7) (Withdrawn)
6088	ELECTRICAL- MAGNETIC MATERIALS	CRGO Sheet	Specific Total Loss Measurement Test After Accelerated Ageing Test	IEC 60404 (Part 8-7) (Withdrawn)
6089	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Accelerated Ageing Test	ERDA Test Procedure no. MMET/016
6090	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Adherence Test	IS 649



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6091	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Adherence Test	ISO 7799
6092	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Ductility / Bend test	IS 3024
6093	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Ductility / Bend Test	ISO 7799
6094	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Ductility/Bend Test	IS 649
6095	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Electrical Resistivity Measurement	ASTM A712
6096	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Electrical Resistivity Measurement	Is 649
6097	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Insulation Coating Resistance	IEC 60404 (Part 8-7)
6098	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Insulation Coating Resistance	IEC 60404 (Part 8-7) (Withdrawn)
6099	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Lamination Thickness	IEC 60404 (Part 8-7)
6100	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Lamination Thickness	IEC 60404 (Part 8-7) (Withdrawn)
6101	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Lamination Thickness	IS 3024
6102	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Lamination Thickness	IS 649
6103	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Magnetic Permeability	ASTM A343:2014
6104	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Magnetic Permeability	IS 649
6105	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Magnetic Polarization	IEC 60404 (Part 8-7)
6106	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Magnetic Polarization	IEC 60404 (Part 8-7) (Withdrawn)
6107	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Magnetic Polarization	IS 3024
6108	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Magnetization Characteristics [B-H Curve] / AC B-H Curve/ AC Hysteresis Loop	As per ERDA Test Procedure No. MMET/009



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6109	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	No. of Bends	IEC 60404 (Part 8-7)
6110	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	No. of Bends	IEC 60404 (Part 8-7) (Withdrawn)
6111	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Peak Value of Magnetic Polarization	IEC 60404 (Part 2)
6112	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Resistance to Solvent	IS 649
6113	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Specific Core Loss Measurement	ASTM A343:2014
6114	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Specific Core Loss Measurement	IS 3024
6115	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Specific Core Loss Measurement / Specific Iron Loss Measurement	IS 649
6116	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Specific Core Loss Measurement Test After Accelerated Ageing Test	IS 3024
6117	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Specific Core Loss Measurement Test After Accelerated Ageing Test / Specific Iron Loss Measurement After Accelerated Ageing Test	IS 649
6118	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Specific Total Loss Measurement	IEC 60404 (Part 8-7)
6119	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Specific Total Loss Measurement	IEC 60404 (Part 2)
6120	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Specific Total Loss Measurement	IEC 60404 (Part 8-7) (Withdrawn)
6121	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Specific Total Loss Measurement Test After Accelerated Ageing Test	IEC 60404 (Part 8-7)
6122	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Specific Total Loss Measurement Test After Accelerated Ageing Test	IEC 60404 (Part 8-7) (Withdrawn)
6123	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Stacking Factor	ASTM A719:2014
6124	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Stacking Factor	IEC 60404 (Part 8-7)



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6125	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Stacking Factor	IEC 60404 (Part 13)
6126	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Stacking Factor	IEC 60404 (Part 8-7) (Withdrawn)
6127	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Stacking Factor	IS 3024
6128	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Stacking Factor	IS 649
6129	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Surface Insulation Resistance	IEC 60404 (Part 11)
6130	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Surface Insulation Resistance	IEC 60404 (Part 11) (Withdrawn)
6131	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Surface Insulation Resistivity	ASTM A717:2012
6132	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Surface Insulation Resistivity	IS 3024
6133	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Surface Insulation Resistivity	IS 649
6134	ELECTRICAL- MAGNETIC MATERIALS	CRGO Strips	Thermal Effect on Coating	IS 649
6135	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	A.C. Magnetization	IS 648
6136	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Accelerated Ageing Test	ERDA Test Procedure no. MMET/016
6137	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Adherence Test	IEC 60404 (Part 8-4)
6138	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Adherence Test	IS 648
6139	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Adherence Test	IS 649
6140	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Adherence Test	ISO 7799
6141	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Anisotropy of Losses	IEC 60404 (Part 8-4)
6142	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Anisotropy of Losses	IS 648
6143	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Ductility / Bend test	IS 648



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6144	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Ductility / Bend Test	ISO 7799
6145	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Ductility/Bend Test	IS 649
6146	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Electrical Resistivity Measurement	ASTM A712
6147	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Electrical Resistivity Measurement	Is 649
6148	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Lamination Thickness	IEC 60404 (Part 8-4)
6149	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Lamination Thickness	IS 15391
6150	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Lamination Thickness	IS 648
6151	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Lamination Thickness	IS 649
6152	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Magnetic Permeability	ASTM A343:2014
6153	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Magnetic Permeability	IS 649
6154	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Magnetic Polarization	IEC 60404 (Part 8-4)
6155	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Magnetic Polarization	IS 15391
6156	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Magnetization Characteristics [B-H Curve] / AC B-H Curve/ AC Hysteresis Loop	As per ERDA Test Procedure No. MMET/009
6157	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	No. of Bends	IEC 60404 (Part 8-4)
6158	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Peak Value of Magnetic Polarization	IEC 60404 (Part 2)
6159	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Resistance to Solvent	IS 649
6160	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Resistance to Solvents & Cleanliness	IS 648
6161	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Specific Core Loss Measurement	ASTM A343:2014



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6162	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Specific Core Loss Measurement / Total Specific Loss Measurement	IS 648
6163	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Specific Core Loss Measurement / Specific Iron Loss Measurement	IS 649
6164	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Specific Core Loss Measurement Test After Accelerated Ageing Test / Specific Iron Loss Measurement After Accelerated Ageing Test	IS 649
6165	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Specific Core Loss Measurement Test After Accelerated Ageing Test / Specific Total Loss Measurement After Accelerated Ageing Test	IS 648
6166	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Specific Total Loss Measurement	IEC 60404 (Part 2)
6167	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Specific Total Loss Measurement	IEC 60404 (Part 8-4)
6168	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Specific Total Loss Measurement	IS 15391
6169	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Specific Total Loss Measurement Test After Accelerated Ageing Test	IEC 60404 (Part 8-4)
6170	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Stacking Factor	ASTM A719:2014
6171	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Stacking Factor	IEC 60404 (Part 13)
6172	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Stacking Factor	IEC 60404 (Part 8-4)
6173	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Stacking Factor	IS 648
6174	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Stacking Factor	IS 649
6175	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Surface Insulation Resistance	IEC 60404 (Part 11)
6176	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Surface Insulation Resistance	IEC 60404 (Part 11) (Withdrawn)



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6177	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Surface Insulation Resistivity	ASTM A717:2012
6178	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Surface Insulation Resistivity	IS 648
6179	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Surface Insulation Resistivity	IS 649
6180	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Thermal Effect on Coating	IS 648
6181	ELECTRICAL- MAGNETIC MATERIALS	CRNO Strips	Thermal Effect on Coating	IS 649
6182	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Additional ignition tests for large or high-voltage machines	IS/IEC 60079-15
6183	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Connection facilities and terminal compartments	IS/IEC 60079-15
6184	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Documentation	IEC 60079-15
6185	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Documentation	IS/IEC 60079-15
6186	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	General	IEC 60079-15
6187	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	General	IS/IEC 60079-15
6188	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Instruction	IEC 60079-15
6189	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Instruction	IS/IEC 60079-15
6190	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Insulation resistance test for batteries	IS/IEC 60079-15
6191	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Leakage test on sealed devices	IEC 60079-15
6192	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Marking	IEC 60079-15
6193	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Marking	IS/IEC 60079-15
6194	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Maximum surface temperatures	IEC 60079-15
6195	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Requirement for all equipment, General	IEC 60079-15



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6196	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Requirement for all equipment, General, Opening times and Minimum degree of protection	IS/IEC 60079-15
6197	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Requirements for hermetically sealed devices	IEC 60079-15
6198	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Requirements for non-incendive components	IEC 60079-15
6199	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Requirements for restricted-breathing enclosures	IEC 60079-15
6200	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Requirements for sealed devices	IEC 60079-15
6201	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Routine verifications and tests	IS/IEC 60079-15
6202	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Routine verifications and tests	IEC 60079-15
6203	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Supplementary requirements for non-sparking electrical rotating machines	IS/IEC 60079-15
6204	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Tests for enclosed-break devices and non-incendive components	IEC 60079-15
6205	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Tests for enclosed-break devices and non-incendive components	IS/IEC 60079-15
6206	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Tests for sealed devices, Conditioning	IEC 60079-15
6207	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Tests for sealed devices, Conditioning	IS/IEC 60079-15
6208	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Tests on devices with free space, Leakage test on sealed devices	IS/IEC 60079-15
6209	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Thermal Endurance to Heat	IS/IEC 60079-15
6210	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Type test requirements for restricted-breathing enclosures	IS/IEC 60079-15
6211	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Electric strength insulation from earth or frame	IEC 60079-15
6212	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Clearance, creepage distances and separations	IS/IEC 60079-15



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6213	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Drop test for hand held apparatus	IS/IEC 60079-15
6214	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Electric Strength	IS/IEC 60079-15
6215	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	General information on verification and tests	IS/IEC 60079-15
6216	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Temperatures	IS/IEC 60079-15
6217	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Test for wiring of luminaires subject to high-voltage impulses from ignitors	IS/IEC 60079-15
6218	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Tests for sealed devices, Dielectric withstand test	IS/IEC 60079-15
6219	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Tests for sealed devices, Voltage test	IS/IEC 60079-15
6220	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part-15 Equipment protection by type of protection "n"	Tests for sealed devices, Voltage test	IEC 60079-15
6221	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Breathing and draining devices which form part of a flameproof enclosure	IEC 60079-1
6222	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Light-transmitting parts	IEC 60079-1
6223	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Pressure determination test for Ex component enclosure	IEC 60079-1
6224	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Pressure determination test for Ex component enclosure	IS/IEC 60079-1
6225	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Torque test for Ex thread adapters	IEC 60079-1
6226	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Type test for breathing and draining devices used as Ex components: Test of ability of breathing and draining device to withstand pressure	IEC 60079-1
6227	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Breathing and draining devices which form part of a flameproof enclosure	IS/IEC 60079-1
6228	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Determination of the explosion pressure (reference pressure)	IEC 60079-1
6229	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Determination of the explosion pressure (reference pressure)	IS/IEC 60079-1



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6230	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Ex component enclosure requirements	IEC 60079-1
6231	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	General, Introductory remarks - Empty flameproof enclosures as Ex components	IEC 60079-1
6232	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Marking	IEC 60079-1
6233	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Materials	IEC 60079-1
6234	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Over-pressure test for Ex blanking elements	IEC 60079-1
6235	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Over-pressure test for Ex blanking elements	IS/IEC 60079-1
6236	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Over-pressure test for Ex component enclosure	IEC 60079-1
6237	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Over-pressure test for Ex thread adapters	IS/IEC 60079-1
6238	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Overpressure test	IEC 60079-1
6239	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Overpressure test	IS/IEC 60079-1
6240	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Sealing test - cable gland or conduit sealing devices	IEC 60079-1
6241	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Sealing test - cable gland or conduit sealing devices	IS/IEC 60079-1
6242	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Sintered metal elements, Pressed metal wire elements and metal foam elements	IS/IEC 60079-1
6243	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Supplementary requirements for shafts and bearings	IS/IEC 60079-1
6244	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Test for flameproofness: Test of ability of the enclosure to withstand pressure, test of erosion by flame and test for non-transmission of an internal ignition.	IEC 60079-1
6245	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Test for non-transmission of an internal ignition	IEC 60079-1
6246	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Test of mechanical strength for cable glands	IEC 60079-1



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6247	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Torque test for Ex blanking elements	IS/IEC 60079-1
6248	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Torque test for Ex blanking elements	IEC 60079-1
6249	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Torque test for Ex thread adapters	IS/IEC 60079-1
6250	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Type test for breathing and draining devices used as Ex components: Test of ability of breathing and draining device to withstand pressure	IS/IEC 60079-1
6251	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Type test for breathing and draining devices used as Ex components: Thermal tests	IEC 60079-1
6252	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Type test for breathing and draining devices used as Ex components: Thermal tests	IS/IEC 60079-1
6253	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Type tests	IEC 60079-1
6254	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Test of mechanical strength for cable glands	IS/IEC 60079-1
6255	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Entries for flameproof enclosures	IS/IEC 60079-1
6256	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Entries for flameproof enclosures	IEC 60079-1
6257	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Ex component enclosure requirements	IS/IEC 60079-1
6258	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Fasteners and openings	IS/IEC 60079-1
6259	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Fasteners and openings	IEC 60079-1
6260	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Flameproof joints	IEC 60079-1
6261	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Flameproof joints	IS/IEC 60079-1
6262	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	General, Introductory remarks - Empty flameproof enclosures as Ex components	IS/IEC 60079-1
6263	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Impact test for Ex thread adapters	IEC 60079-1



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6264	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Impact test for Ex thread adapters	IS/IEC 60079-1
6265	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Light-transmitting parts	IS/IEC 60079-1
6266	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Marking	IS/IEC 60079-1
6267	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Marking	IEC 60079-1
6268	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Materials	IS/IEC 60079-1
6269	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Operating rods	IS/IEC 60079-1
6270	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Operating rods	IEC 60079-1
6271	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Over-pressure test for Ex component enclosure	IS/IEC 60079-1
6272	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Over-pressure test for Ex thread adapters	IEC 60079-1
6273	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Schedule of limitation for Ex component certificate	IS/IEC 60079-1
6274	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Schedule of limitation for Ex component certificate	IEC 60079-1
6275	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Sealed joints	IEC 60079-1
6276	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Sealed joints	IS/IEC 60079-1
6277	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Sintered metal elements, Pressed metal wire elements and metal foam elements	IEC 60079-1
6278	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Supplementary requirements for shafts and bearings	IEC 60079-1
6279	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Test for flameproofness: Test of ability of the enclosure to withstand pressure, test of erosion by flame and test for non-transmission of an internal ignition.	IS/IEC 60079-1
6280	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Test for non-transmission of an internal ignition	IS/IEC 60079-1



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6281	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Test for non-transmission of an internal ignition for crimped ribbon elements and multiple screen elements and multiple screen elements of breathing and draining devices	IEC 60079-1
6282	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Test for non-transmission of an internal ignition for crimped ribbon elements and multiple screen elements and multiple screen elements of breathing and draining devices	IS/IEC 60079-1
6283	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Test of flameproof enclosures with breathing and draining devices	IS/IEC 60079-1
6284	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Test of flameproof enclosures with breathing and draining devices	IEC 60079-1
6285	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Type test for breathing and draining devices used as Ex components: Test for non-transmission of an internal ignition	IS/IEC 60079-1
6286	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Type test for breathing and draining devices used as Ex components: Test for non-transmission of an internal ignition	IEC 60079-1
6287	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Type tests	IS/IEC 60079-1
6288	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Verification and tests	IEC 60079-1
6289	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 1 Equipment Protection by Flameproof Enclosures "d"	Verification and tests	IS/IEC 60079-1
6290	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Cable Pull test	IEC 60079-11
6291	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Cable Pull test	IS/IEC 60079-11
6292	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Components on which intrinsic safety depends	IEC 60079-11
6293	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Components on which intrinsic safety depends	IS/IEC 60079-11



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
6294	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Determination of parameters of loosely specified components	IS/IEC 60079-11
6295	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Determination of parameters of loosely specified components	IEC 60079-11
6296	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Dielectric strength tests	IEC 60079-11
6297	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Dielectric strength tests	IS/IEC 60079-11
6298	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Documentation	IEC 60079-11
6299	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Documentation	IS/IEC 60079-11
6300	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Enclosures	IS/IEC 60079-11
6301	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Facilities for connection of external circuits	IS/IEC 60079-11
6302	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Grouping and classification of intrinsically safe apparatus and associated apparatus	IS/IEC 60079-11
6303	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Grouping and classification of intrinsically safe apparatus and associated apparatus	IEC 60079-11
6304	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Infallible components, infallible assemblies of components and infallible connections on which intrinsic safety depends	IEC 60079-11
6305	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Infallible components, infallible assemblies of components and infallible connections on which intrinsic safety depends	IS/IEC 60079-11
6306	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Level of protection and ignition compliance requirements of electrical apparatus	IEC 60079-11
6307	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Marking	IEC 60079-11
6308	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Marking	IS/IEC 60079-11



# National Accreditation Board for Testing and Calibration Laboratories

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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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6309	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Mechanical tests	IEC 60079-11
6310	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Mechanical tests	IS/IEC 60079-11
6311	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Protection against polarity reversal, Earth Conductors, connections and terminals, Encapsulation	IS/IEC 60079-11
6312	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Protection against polarity reversal, Earth Conductors, connections and terminals, Encapsulation	IEC 60079-11
6313	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Routine verifications and tests	IS/IEC 60079-11
6314	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Transformer Tests	IS/IEC 60079-11
6315	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Enclosures	IEC 60079-11
6316	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Facilities for connection of external circuits	IEC 60079-11
6317	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Level of protection and ignition compliance requirements of electrical apparatus	IS/IEC 60079-11
6318	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Routine verifications and tests	IEC 60079-11
6319	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Seperation distances	IEC 60079-11
6320	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Seperation distances	IS/IEC 60079-11
6321	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Temperature tests	IEC 60079-11
6322	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Temperature tests	IS/IEC 60079-11
6323	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Tests for apparatus containing piezoelectric devices	IEC 60079-11
6324	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Tests for apparatus containing piezoelectric devices	IS/IEC 60079-11
6325	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 11 Equipment Protection by Intrinsic safety "i"	Transformer Tests	IEC 60079-11



# National Accreditation Board for Testing and Calibration Laboratories

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6326	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	IP test	IEC 60079-31 (withdrawn standard)
6327	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	IP test	IS/IEC 60079-31
6328	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Temperatures	IEC 60079-18
6329	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Temperatures	IS/IEC 60079-18
6330	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Thermal tests	IEC 60079-31 (withdrawn standard)
6331	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Water absorption test	IEC 60079-18
6332	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Cable pull test	IEC 60079-18
6333	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Cable pull test	IS/IEC 60079-18
6334	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Construction	IS/IEC 60079-31
6335	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Construction requirements	IS/IEC 60079-18
6336	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Construction requirements	IEC 60079-18
6337	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Construction	IEC 60079-31 (withdrawn standard)
6338	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Dielectric strength test	IEC 60079-18
6339	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Dielectric strength test	IS/IEC 60079-18
6340	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Equipment groups and ingress protection	IS/IEC 60079-31
6341	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Equipment groups and ingress protection	IEC 60079-31 (withdrawn standard)
6342	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	General	IEC 60079-18
6343	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	General	IS/IEC 60079-18
6344	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Impact test for supplementary enclosures	IEC 60079-31 (withdrawn standard)



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6345	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Impact test for supplementary enclosures	IS/IEC 60079-31
6346	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Marking	IEC 60079-18
6347	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Marking	IEC 60079-31 (withdrawn standard)
6348	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Marking	IS/IEC 60079-18
6349	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Marking	IS/IEC 60079-31
6350	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Maximum temperature	IS/IEC 60079-18
6351	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Maximum temperature	IEC 60079-18
6352	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Pressure test for Group I and Group II electrical equipment	IS/IEC 60079-18
6353	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Pressure test for Group I and Group II electrical equipment	IEC 60079-18
6354	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Pressure test	IEC 60079-31 (withdrawn standard)
6355	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Pressure test	IS/IEC 60079-31
6356	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Requirement for electrical equipment with Level of Protection "tb" and "tc"	IS/IEC 60079-31
6357	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Requirement for electrical equipment with Level of Protection "tb" and "tc"	IEC 60079-31 (withdrawn standard)
6358	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Requirements for compounds	IEC 60079-18
6359	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Requirements for compounds	IS/IEC 60079-18
6360	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Requirements for electrical equipment with level of protection "ta"	IS/IEC 60079-31
6361	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Requirements for electrical equipment with level of protection "ta"	IEC 60079-31 (withdrawn standard)



# National Accreditation Board for Testing and Calibration Laboratories

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
6362	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Sealing test for built-in protective devices	IEC 60079-18
6363	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Sealing test for built-in protective devices	IS/IEC 60079-18
6364	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Test for Degree of Protection (IP1X to 6X & IPX1 to X8)	IS/IEC 60079-31
6365	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Test for Degree of Protection (IP1X to 6X & IPX1 to X8)	IEC 60079-31 (withdrawn standard)
6366	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Thermal endurance test	IEC 60079-18
6367	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Thermal endurance test	IS/IEC 60079-18
6368	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Thermal tests	IS/IEC 60079-31
6369	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Type test (Thermal endurance)	IEC 60079-31 (withdrawn standard)
6370	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Type test (Thermal endurance)	IS/IEC 60079-31
6371	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 18 Equipment Protection by Encapsulation "m"	Water absorption test	IS/IEC 60079-18
6372	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	Construction requirements	IEC 60079-31
6373	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	Construction	IEC 60079-31
6374	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	Equipment groups and ingress protection	IEC 60079-31
6375	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	General	IEC 60079-31
6376	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	Impact test for supplementary internal enclosures	IEC 60079-31
6377	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	IP test	IEC 60079-31
6378	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	Marking	IEC 60079-31
6379	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	Pressure test	IEC 60079-31



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6380	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	Requirement for electrical equipment with Level of Protection "tb" and "tc"	IEC 60079-31
6381	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	Requirements for electrical equipment with level of protection "ta"	IEC 60079-31
6382	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	Test to determine maximum surface temperature	IEC 60079-31
6383	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	Type tests (Test for degree of protection IP)	IEC 60079-31
6384	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	Type tests (Thermal endurance)	IEC 60079-31
6385	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	Levels of protection	IEC 60079-31
6386	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	Levels of protection	IS/IEC 60079-31
6387	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 31 Equipment Dust Ignition Protection by Enclosure "t"	Levels of protection	IEC 60079-31 (withdrawn standard)
6388	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Maintenance requirements	IEC 60079-6
6389	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Construction requirements	IS/IEC 60079-6
6390	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Maintenance requirements	IS/IEC 60079-6
6391	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Marking	IEC 60079-6
6392	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Marking	IS/IEC 60079-6
6393	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	over pressure test on sealed enclosures	IEC 60079-6
6394	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	over pressure test on sealed enclosures	IS/IEC 60079-6
6395	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	over pressure test on unsealed enclosures	IEC 60079-6
6396	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	over pressure test on unsealed enclosures	IS/IEC 60079-6
6397	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Protective Liquid	IEC 60079-6



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
6398	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Protective Liquid	IS/IEC 60079-6
6399	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Reduced pressure test on sealed enclosures	IEC 60079-6
6400	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Reduced pressure test on sealed enclosures	IS/IEC 60079-6
6401	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Repair and Overhaul requirements	IEC 60079-6
6402	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Repair and Overhaul requirements	IS/IEC 60079-6
6403	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Selection and erection requirements	IEC 60079-6
6404	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Selection and erection requirements	IS/IEC 60079-6
6405	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Supplementary requirements for electrical equipment with Level of Protection "oc" for voltages greater than 15 kV and up to and including 245 kV	IEC 60079-6
6406	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Switching tests	IEC 60079-6
6407	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Construction requirements	IEC 60079-6
6408	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Maximum Temperature	IEC 60079-6
6409	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Maximum Temperature	IS/IEC 60079-6
6410	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 6 Equipment Protection by Oil Immersion "o"	Switching tests	IS/IEC 60079-6
6411	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Temperature determination of electrical machines - Methods of test and of calculation	IS/IEC 60079-7
6412	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Abnormal operation of luminaires	IEC 60079-7
6413	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Abnormal operation of luminaires	IS/IEC 60079-7
6414	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Battery operated luminaires	IS/IEC 60079-7



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
6415	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Battery operated luminaires	IEC 60079-7
6416	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Constructional Requirements	IEC 60079-7
6417	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Constructional Requirements	IS/IEC 60079-7
6418	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Determination of starting current ratio IA/IN and the time tE	IEC 60079-7
6419	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Determination of starting current ratio IA/IN and the time tE	IS/IEC 60079-7
6420	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Dielectric strength	IEC 60079-7
6421	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Dielectric strength	IS/IEC 60079-7
6422	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Ex component certificates	IEC 60079-7
6423	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Ex component certificates	IS/IEC 60079-7
6424	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	General purpose connection and junction boxes	IEC 60079-7
6425	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	General purpose connection and junction boxes	IS/IEC 60079-7
6426	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Impact and drop tests	IEC 60079-7
6427	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Impact and drop tests	IS/IEC 60079-7
6428	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Measuring instruments and instrument transformers	IEC 60079-7
6429	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Measuring instruments and instrument transformers	IS/IEC 60079-7
6430	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Resistance heating equipment	IEC 60079-7
6431	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Resistance heating equipment	IS/IEC 60079-7
6432	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increases safety "e"	Routine verifications and routine tests	IEC 60079-7



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6433	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increses safety "e"	Routine verifications and routine tests	IS/IEC 60079-7
6434	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increses safety "e"	Supplementary requirements for specific electrical equipment	IEC 60079-7
6435	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increses safety "e"	Supplementary requirements for specific electrical equipment	IS/IEC 60079-7
6436	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increses safety "e"	Temperature determination of electrical machines - Methods of test and of calculation	IEC 60079-7
6437	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increses safety "e"	Terminal insulating material tests	IEC 60079-7
6438	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increses safety "e"	Terminal insulating material tests	IS/IEC 60079-7
6439	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increses safety "e"	Transformer other than instrument transformers	IEC 60079-7
6440	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increses safety "e"	Transformer other than instrument transformers	IS/IEC 60079-7
6441	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increses safety "e"	Type tests for specific forms of resistance heating devices or resistance heating units (other than heat trace heater)	IEC 60079-7
6442	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres - Part 7 Equipment Protection by increses safety "e"	Type tests for specific forms of resistance heating devices or resistance heating units (other than heat trace heater)	IS/IEC 60079-7
6443	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Bushings	IEC 60079-0
6444	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Compliance of prototype or sample with documents	IEC 60079-0
6445	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Connection facilities for earthing or bonding conductors	IEC 60079-0
6446	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Connection facilities	IEC 60079-0
6447	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Construction requirement	IEC 60079-0
6448	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Documentation	IEC 60079-0



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6449	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Drop Test	IEC 60079-0
6450	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Earth Continuity	IEC 60079-0
6451	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Entries into enclosures	IEC 60079-0
6452	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Equipment incorporating cells and batteries	IEC 60079-0
6453	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Ex components	IEC 60079-0
6454	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Fasteners	IEC 60079-0
6455	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Interlocking devices	IEC 60079-0
6456	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Marking	IEC 60079-0
6457	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Marking	IEC 60079-0
6458	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Measurement of capacitance	IS/IEC 60079-0
6459	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Metallic enclosures and metallic parts of enclosures	IEC 60079-0
6460	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Non-metallic enclosures and non-metallic parts of enclosures	IEC 60079-0
6461	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Requirement for all equipment	IEC 60079-0
6462	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Supplementary requirements for caplights and handlights	IEC 60079-0
6463	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Supplementary requirements for electric machines	IEC 60079-0
6464	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Supplementary requirements for external plugs, socket outlets and connectors for field wiring connection	IEC 60079-0
6465	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Supplementary requirements for luminaires	IEC 60079-0
6466	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Supplementary requirements for switchgear	IEC 60079-0



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6467	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Surface resistance test of parts of enclosures of non-metallic materials	IEC 60079-0
6468	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Surface resistance test of parts of enclosures of non-metallic materials	IS/IEC 60079-0
6469	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Temperature measurement	IS/IEC 60079-0
6470	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Temperatures	IEC 60079-0
6471	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Test for degree of protection (IP) of cable glands	IEC 60079-0
6472	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Test for degree of protection (IP) of cable glands	IS/IEC 60079-0
6473	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Test for Degree of Protection (IP)	IS/IEC 60079-0
6474	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Test for resistance to impact on cable gland	IEC 60079-0
6475	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Test for resistance to impact on cable gland	IS/IEC 60079-0
6476	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Test for Resistance to Impact	IEC 60079-0
6477	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Test for Resistance to Impact	IS/IEC 60079-0
6478	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Thermal shock test	IEC 60079-0
6479	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Transferred charge test	IEC 60079-0
6480	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Alternative qualification of elastomeric sealing O-rings	IEC 60079-0
6481	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Alternative qualification of elastomeric sealing O-rings	IS/IEC 60079-0
6482	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Bushings	IS/IEC 60079-0
6483	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Compliance of prototype or sample with documents	IS/IEC 60079-0
6484	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment - General Requirements	Connection facilities for earthing or bonding conductors	IS/IEC 60079-0



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6485	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Connection facilities	IS/IEC 60079-0
6486	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Construction requirement	IS/IEC 60079-0
6487	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Documentation	IS/IEC 60079-0
6488	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Drop Test	IS/IEC 60079-0
6489	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Earth Continuity	IS/IEC 60079-0
6490	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Entries into enclosures	IS/IEC 60079-0
6491	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Equipment grouping	IEC 60079-0
6492	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Equipment grouping	IS/IEC 60079-0
6493	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Equipment incorporating cells and batteries	IS/IEC 60079-0
6494	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Ex components	IS/IEC 60079-0
6495	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Fasteners	IS/IEC 60079-0
6496	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Interlocking devices	IS/IEC 60079-0
6497	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Marking	IS/IEC 60079-0
6498	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Marking	IS/IEC 60079-0
6499	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Measurement of capacitance	IEC 60079-0
6500	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Metallic enclosures and metallic parts of enclosures	IS/IEC 60079-0
6501	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Non-metallic enclosures and non-metallic parts of enclosures	IS/IEC 60079-0
6502	ELECTRICAL-MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Requirement for all equipment	IS/IEC 60079-0



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6503	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Supplementary requirements for caplights and handlights	IS/IEC 60079-0
6504	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Supplementary requirements for electric machines	IS/IEC 60079-0
6505	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Supplementary requirements for external plugs, socket outlets and connectors for field wiring connection	IS/IEC 60079-0
6506	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Supplementary requirements for luminaires	IS/IEC 60079-0
6507	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Supplementary requirements for switchgear	IS/IEC 60079-0
6508	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Temperature measurement	IEC 60079-0
6509	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Temperatures	IS/IEC 60079-0
6510	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Test for Degree of Protection (IP)	IEC 60079-0
6511	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Test for Degree of Protection (IP1X to 6X & IPX1 to X8)	IEC 60079-0
6512	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Test for Degree of Protection (IP1X to 6X & IPX1 to X8)	IS/IEC 60079-0
6513	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Test of clamping of non-armoured, braided and armoured cables	IEC 60079-0
6514	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Test of clamping of non-armoured, braided and armoured cables	IS/IEC 60079-0
6515	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Thermal Endurance to Cold	IEC 60079-0
6516	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Thermal Endurance to Cold	IS/IEC 60079-0
6517	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Thermal Endurance to Heat	IEC 60079-0
6518	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Thermal Endurance to Heat	IS/IEC 60079-0
6519	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Thermal shock test	IS/IEC 60079-0



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6520	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Torque Test for Bushings	IS/IEC 60079-0
6521	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Torque Test for Bushings	IEC 60079-0
6522	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Transferred charge test	IS/IEC 60079-0
6523	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Verification of ratings of ventilating fans	IS/IEC 60079-0
6524	ELECTRICAL- MISCELLANEOUS	Explosive Atmospheres Part 0 Equipment – General Requirements	Verification of ratings of ventilating fans	IEC 60079-0
6525	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power system & stabilizers	Ingress Protection (1X to 6X & X1 to X8)	IEC 60529
6526	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power system & stabilizers	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 60529
6527	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Safety of power converters for use in Photovoltaic power systems general requirements	Ingress protection	IEC 62109-1
6528	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Safety of power converters for use in Photovoltaic power systems general requirements	Ingress protection	IS 16221-1
6529	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Safety of power converters for use in Photovoltaic power systems particular requirement for inverters	Ingress protection	IS 16221-2
6530	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Safety of power converters for use in Photovoltaic power systems particular requirement for inverters	Ingress protection	IEC 62109-2
6531	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Commutation Test	IS 13364-1
6532	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Degree of Protection/Type of Enclosures (IP1X to 6X & IPX1 to X8)	IS 13364-1
6533	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Degree of Protection/Type of Enclosures	IS 13364-1
6534	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Deviation of voltage wave - form from sinusoidal	IS 13364-1
6535	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Earthing	IS 13364-1
6536	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Efficiency test	IS 13364-1
6537	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Efficiency test	IS 13364-1



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6538	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Efficiency test	IS 13364-1
6539	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Efficiency test	IS 13364-1
6540	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	High Voltage test/ High Potential test/Withstand voltage test	IS 13364-1
6541	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Insulation Resistance test	IS 13364-1
6542	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Marking/Rating plate	IS 13364-1
6543	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Measurement of open circuit characteristics	IS 13364-1
6544	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Measurement of open circuit characteristics	IS 13364-1
6545	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Measurement of short circuit characteristics	IS 13364-1
6546	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Measurement of short circuit characteristics	IS 13364-1
6547	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Measurement of Stator Resistance	IS 13364-1
6548	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Methods of cooling/Cooling systems	IS 13364-1
6549	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Momentary overcurrent test	IS 13364-1
6550	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Overspeed test	IS 13364-1
6551	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Phase sequence test	IS 13364-1
6552	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Temperature Rise Test	IS 13364-1
6553	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Terminal marking	IS 13364-1
6554	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Vibration severity	IS 13364-1
6555	ELECTRICAL- ROTATING ELECTRICAL MACHINES	AC Generator up to 20 kVA	Regulation test	IS 13364-1



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6556	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Design Features for Monoset Pump	IS 8472
6557	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Design Features for Monoset Pump	IS 8472
6558	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Direction of Rotation & Flow Passages	IS 8472
6559	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	General Requirements	IS 8472
6560	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	High Voltage test	IS 8472
6561	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Hydrostatic Test	IS 8472
6562	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Insulation Resistance test	IS 8472
6563	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Locked Rotor Test	IS 8472
6564	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Marking	IS 8472
6565	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Material of construction	IS 8472
6566	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Measurement of stator resistance	IS 8472
6567	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	No Load Test at Rated Voltage	IS 8472
6568	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Priming test	IS 8472
6569	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Pump Performance test	IS 8472
6570	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Pump Performance test	IS 8472
6571	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Pump Performance test	IS 8472
6572	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Pump Performance test	IS 8472
6573	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Temperature Rise Test at Rated Voltage	IS 8472



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**Certificate Number** TC-5389

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6574	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Centrifugal Regenerative pump	Temperature rise test at reduced voltage/ at limiting value of voltage and frequency variation	IS 8472
6575	ELECTRICAL- ROTATING ELECTRICAL MACHINES	DC Motor	Commutation Test	IEC 60034-1
6576	ELECTRICAL- ROTATING ELECTRICAL MACHINES	DC Motor	Commutation Test	IEC 60034-1 (withdrawn standard)
6577	ELECTRICAL- ROTATING ELECTRICAL MACHINES	DC Motor	Commutation Test	IS 15999-1
6578	ELECTRICAL- ROTATING ELECTRICAL MACHINES	DC Motor	Full load test/ Load test/Determination of efficiency	IEC 60034-2-1
6579	ELECTRICAL- ROTATING ELECTRICAL MACHINES	DC Motor	Full load test/ Load test/Determination of efficiency	IS 15999-2-1
6580	ELECTRICAL- ROTATING ELECTRICAL MACHINES	DC Motor	Temperature rise test/ Thermal performance and tests	IEC 60034-1
6581	ELECTRICAL- ROTATING ELECTRICAL MACHINES	DC Motor	Temperature rise test/ Thermal performance and tests	IEC 60034-1 (withdrawn standard)
6582	ELECTRICAL- ROTATING ELECTRICAL MACHINES	DC Motor	Temperature rise test/ Thermal performance and tests	IS 15999-1
6583	ELECTRICAL- ROTATING ELECTRICAL MACHINES	DC Motor	Temperature rise test/ Thermal performance and tests	IEC 60034-1
6584	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Energy efficient motors - Three phase induction motor	Full load test/ Load Test/ Determination of Efficiency	CSA 390
6585	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Energy efficient motors - Three phase induction motor	Full load test/ Load Test/ Determination of Efficiency	CSA 390
6586	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Energy efficient motors - Three phase induction motor	Full load test/ Load Test/ Determination of Efficiency	CSA 390
6587	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Energy efficient motors - Three phase induction motor	Marking/Rating plate	CSA 390
6588	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Energy efficient motors - Three phase induction motor	Measurement of Stator Resistance	CSA 390
6589	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Energy efficient motors - Three phase induction motor	No Load Test at Rated Voltage	CSA 390
6590	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Energy efficient motors - Three phase induction motor	Temperature Rise Test at Rated Voltage	CSA 390
6591	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal centrifugal pump for rural, agricultural purpose	CONSTRUCTIONAL FEATURES	IS 8418



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6592	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal centrifugal pump for rural, agricultural purpose	Design features	IS 8418
6593	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal centrifugal pump for rural, agricultural purpose	Direction of Rotation	IS 8418
6594	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal centrifugal pump for rural, agricultural purpose	General Requirements	IS 8418
6595	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal centrifugal pump for rural, agricultural purpose	Hydrostatic Test	IS 8418
6596	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal centrifugal pump for rural, agricultural purpose	Marking	IS 8418
6597	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal centrifugal pump for rural, agricultural purpose	Priming test	IS 8418
6598	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal centrifugal pump for rural, agricultural purpose	Pump Performance test	IS 8418
6599	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal centrifugal pump for rural, agricultural purpose	Pump Performance test	IS 8418
6600	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal centrifugal pump for rural, agricultural purpose	Pump Performance test	IS 8418
6601	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal centrifugal pump for rural, agricultural purpose	Pump Performance test	IS 8418
6602	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Agricultural and Rural Water Supply Purposes	"Material of Construction/Constructional details/ Constructional features/ Constructional requirements/ General requiremen"	IS 6595-Part-1
6603	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Agricultural and Rural Water Supply Purposes	Design features/ Guarantee of performance	IS 6595-Part-1
6604	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Agricultural and Rural Water Supply Purposes	Direction of rotation	IS 6595-Part-1
6605	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Agricultural and Rural Water Supply Purposes	General Requirements	IS 6595-Part-1
6606	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Agricultural and Rural Water Supply Purposes	Hydrostatic test	IS 6595-Part-1
6607	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Agricultural and Rural Water Supply Purposes	Marking	IS 6595-Part-1
6608	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Agricultural and Rural Water Supply Purposes	Noise level test	IS 6595-Part-1



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6609	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Agricultural and Rural Water Supply Purposes	Noise level test	IS 6595-Part-1
6610	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Agricultural and Rural Water Supply Purposes	Pump performance test	IS 6595-Part-1
6611	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Agricultural and Rural Water Supply Purposes	Pump performance test	IS 6595-Part-1
6612	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Agricultural and Rural Water Supply Purposes	Pump performance test	IS 6595-Part-1
6613	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Agricultural and Rural Water Supply Purposes	Pump performance test	IS 6595-Part-1
6614	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Agricultural and Rural Water Supply Purposes	Vibration test	IS 6595-Part-1
6615	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Other than agricultural and rural water supply	Design Limitations/Design features/ Guarantee of performance	IS 6595-Part-2
6616	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Other than agricultural and rural water supply	Direction of rotation	IS 6595-Part-2
6617	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Other than agricultural and rural water supply	GENERAL REQUIREMENTS	IS 6595-Part-2
6618	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Other than agricultural and rural water supply	Hydrostatic test	IS 6595-Part-2
6619	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Other than agricultural and rural water supply	Marking	IS 6595-Part-2
6620	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Other than agricultural and rural water supply	Material of Construction/Constructional details/ Constructional features/ Constructional requirements/ General requirement	IS 6595-Part-2
6621	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Other than agricultural and rural water supply	Pump performance test	IS 6595-Part-2
6622	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Other than agricultural and rural water supply	Pump performance test	IS 6595-Part-2
6623	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Other than agricultural and rural water supply	Pump performance test	IS 6595-Part-2
6624	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Horizontal Centrifugal Pumps for Clear, Cold Water for Other than agricultural and rural water supply	Pump performance test	IS 6595-Part-2
6625	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Degree of Protection/Type of Enclosures (IP1X to 6X & IPX1 to X8)	IS 12615



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6626	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Degree of Protection/Type of Enclosures	IS 12615
6627	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Dimension Test	IS 12615
6628	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Earthing	IS 12615
6629	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Full load test/ Load Test/ Determination of Efficiency	IS 12615
6630	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Full load test/ Load Test/ Determination of Efficiency	IS 12615
6631	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Full load test/ Load Test/ Determination of Efficiency	IS 12615
6632	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	High Voltage test/ High Potential test/Withstand voltage test	IS 12615
6633	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Insulation Resistance test	IS 12615
6634	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Locked Rotor Test/ Starting performance of cage induction motor	IS 12615
6635	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Locked Rotor Test/ Starting performance of cage induction motor	IS 12615
6636	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Marking/Rating plate	IS 12615
6637	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Measurement of Stator Resistance	IS 12615
6638	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Methods of cooling	IS 12615
6639	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Momentary overload test	IS 12615
6640	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	No Load Test at Rated Voltage	IS 12615
6641	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Noise level of motor	IS 12615
6642	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Overspeed test	IS 12615
6643	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Pull up torque test	IS 12615



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6644	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Reduced voltage Running up test	IS 12615
6645	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Temperature Rise Test at Rated Voltage	IS 12615
6646	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Temperature Rise Test at Reduced Voltage/ at limiting value of voltage and frequency variation	IS 12615
6647	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Terminal marking	IS 12615
6648	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Line Operated Three Phase a.c. Motors	Vibration severity of motor	IS 12615
6649	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Constructional details/Constructional features/Constructional requirements/ General requirement	IS 9079
6650	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Design features/ Guarantee of performance	IS 9079
6651	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Direction of rotation	IS 9079
6652	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Earthing	IS 9079
6653	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	General Requirements	IS 9079
6654	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	High voltage test	IS 9079
6655	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Hydrostatic test	IS 9079
6656	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Insulation resistance test	IS 9079
6657	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Locked rotor test/ starting performance of cage induction motor	IS 9079
6658	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Marking/Rating plate	IS 9079
6659	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Measurement of stator resistance	IS 9079
6660	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	No load test at rated voltage	IS 9079



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6661	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Pump performance test/Guarantee and tolerance on pumpset performance	IS 9079
6662	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Pump performance test/Guarantee and tolerance on pumpset performance	IS 9079
6663	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Pump performance test/Guarantee and tolerance on pumpset performance	IS 9079
6664	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Pump performance test/Guarantee and tolerance on pumpset performance	IS 9079
6665	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Reduced voltage running up test	IS 9079
6666	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Temperature rise test at rated voltage	IS 9079
6667	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Temperature rise test at reduced voltage	IS 9079
6668	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Terminal marking	IS 9079
6669	ELECTRICAL- ROTATING ELECTRICAL MACHINES	MONOSET PUMPS FOR CLEAR, COLD WATER FOR AGRICULTURAL AND WATER SUPPLY PURPOSES	Voltage and Frequency Variation	IS 9079
6670	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Balancing of rotor	IS 9283
6671	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Constructional details/Constructional features/Constructional requirements/General requirement	IS 9283
6672	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Dimension test	IS 9283
6673	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Earthing	IS 9283
6674	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Full load test	IS 9283
6675	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Full load test	IS 9283
6676	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Full load test	IS 9283



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6677	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	High voltage test	IS 9283
6678	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Insulation resistance test	IS 9283
6679	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Leakage current test	IS 9283
6680	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Locked rotor test	IS 9283
6681	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Marking/Rating plate	IS 9283
6682	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Measurement of shaft extension	IS 9283
6683	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Measurement of stator resistance	IS 9283
6684	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Momentary overload test	IS 9283
6685	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	No load test at rated voltage	IS 9283
6686	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Performance characteristic	IS 9283
6687	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Performance characteristic	IS 9283
6688	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Performance characteristic	IS 9283
6689	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Performance characteristic	IS 9283
6690	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Reduced voltage running up test	IS 9283
6691	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Temperature rise test at rated voltage	IS 9283
6692	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Temperature rise test at reduced voltage	IS 9283
6693	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Terminal marking	IS 9283
6694	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Motors for submersible pumpsets	Voltage & frequency variation	IS 9283
6695	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Terminal marking	IS 14220



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6696	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Hydrostatic test	IS 14220
6697	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Balancing of rotor	IS 14220
6698	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Constructional details/Constructional features/Constructional requirements/General requirement	IS 14220
6699	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Design features/ Guarantee of performance	IS 14220
6700	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Direction of rotation	IS 14220
6701	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Earthing	IS 14220
6702	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	General requirement	IS 14220
6703	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	High voltage test	IS 14220
6704	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Insulation resistance test	IS 14220
6705	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Leakage current test	IS 14220
6706	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Locked rotor test	IS 14220
6707	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Marking/Rating plate	IS 14220
6708	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Measurement of stator resistance	IS 14220
6709	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	No load test at rated voltage	IS 14220
6710	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Pump performance test/Guarantee on Pumpset performance	IS 14220
6711	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Pump performance test/Guarantee on Pumpset performance	IS 14220
6712	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Pump performance test/Guarantee on Pumpset performance	IS 14220



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6713	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Pump performance test/Guarantee on Pumpset performance	IS 14220
6714	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Reduced voltage running up test	IS 14220
6715	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Submersible cable	IS 14220
6716	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Temperature rise test at rated voltage	IS 14220
6717	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Openwell Submersible Pumpsets	Temperature rise test at reduced voltage	IS 14220
6718	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	Design Check of the PV Pumping System in respect to the daily water volume	IEC 62253
6719	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	Design Check of the PV Pumping System in respect to the daily water volume	IEC 62253
6720	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	H-Q-Characterisation	IEC 62253
6721	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	H-Q-Characterisation	IEC 62253
6722	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	H-Q-Characterisation	IEC 62253
6723	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	H-Q-Characterisation	IEC 62253
6724	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	H-Q-Characterisation	IEC 62253
6725	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	P-Q-Characterisation	IEC 62253
6726	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	P-Q-Characterisation	IEC 62253
6727	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	P-Q-Characterisation	IEC 62253
6728	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	P-Q-Characterisation	IEC 62253
6729	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	P-Q-Characterisation	IEC 62253
6730	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	Start-up Power Measurements	IEC 62253



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6731	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	System Characteristics	IEC 62253
6732	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	System Characteristics	IEC 62253
6733	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	Water Demand	IEC 62253
6734	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Photovoltaic Pumping System	Water Demand	IEC 62253
6735	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Polyphase Induction Motors	Full load test/ Load Test/ Determination of Efficiency	IEEE 112
6736	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Polyphase Induction Motors	Full load test/ Load Test/ Determination of Efficiency	IEEE 112
6737	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Polyphase Induction Motors	Full load test/ Load Test/ Determination of Efficiency	IEEE 112
6738	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Polyphase Induction Motors	High Voltage test/ High Potential test/Withstand voltage test	IEEE 112
6739	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Polyphase Induction Motors	Insulation Resistance test	IEEE 112
6740	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Polyphase Induction Motors	Locked Rotor Test/ Starting performance of cage induction motor	IEEE 112
6741	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Polyphase Induction Motors	Locked Rotor Test/ Starting performance of cage induction motor	IEEE 112
6742	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Polyphase Induction Motors	Measurement of Stator Resistance	IEEE 112
6743	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Polyphase Induction Motors	No Load Test at Rated Voltage	IEEE 112
6744	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Polyphase Induction Motors	Overspeed test	IEEE 112
6745	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Polyphase Induction Motors	Temperature Rise Test at Rated Voltage	IEEE 112
6746	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Polyphase Induction Motors	Test for speed-Torque & Speed-current curves	IEEE 112
6747	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Polyphase Induction Motors	Test for speed-Torque & Speed-current curves	IEEE 112
6748	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Polyphase Induction Motors	Vibration severity of motor	IEEE 112



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6749	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC)	Full load test/ Load test/Determination of efficiency	IEC 60034-2-3
6750	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Direction of rotation	IEC 60034-8
6751	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Direction of rotation	IS/IEC 60034-8
6752	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Earthing	IEC 60034-1
6753	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Earthing	IEC 60034-1 (withdrawn standard)
6754	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Earthing	IS 15999-1
6755	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Full load test/ Load test/Determination of efficiency	IEC 60034-2-1
6756	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Full load test/ Load test/Determination of efficiency	IS 15999-2-1
6757	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	High voltage test/ High potential test/ Withstand voltage test	IEC 60034-1
6758	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	High voltage test/ High potential test/ Withstand voltage test	IEC 60034-1 (withdrawn standard)
6759	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	High voltage test/ High potential test/ Withstand voltage test	IS 15999-1
6760	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Insulation resistance	IEC 60034-27-4
6761	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Insulation resistance	IS/IEC 60034-27-4
6762	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Locked Rotor Test/ Starting performance of cage induction motor	IEC 60034-12
6763	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Marking/Rating plate	IEC 60034-1
6764	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Marking/Rating plate	IEC 60034-1 (withdrawn standard)
6765	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Marking/Rating plate	IS 15999-1



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6766	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Measurement of Stator Resistance	IEC 60034-1
6767	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Measurement of Stator Resistance	IEC 60034-1 (withdrawn standard)
6768	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Measurement of Stator Resistance	IEC 60034-2-1
6769	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Measurement of Stator Resistance	IS 15999-1
6770	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Methods of cooling	IEC 60034-6
6771	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Momentary overload test	IEC 60034-1
6772	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Momentary overload test	IEC 60034-1 (withdrawn standard)
6773	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Momentary overload test	IS 15999-1
6774	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	No Load Test at Rated Voltage	IEC 60034-1
6775	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	No Load Test at Rated Voltage	IEC 60034-1 (withdrawn standard)
6776	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	No Load Test at Rated Voltage	IEC60034-2-1
6777	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	No Load Test at Rated Voltage	IS 15999-1
6778	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Overspeed test	IEC 60034-1
6779	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Overspeed test	IEC 60034-1 (withdrawn standard)
6780	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Overspeed test	IS 15999-1
6781	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Pull up torque	IEC 60034-1
6782	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Pull up torque	IEC 60034-1 (withdrawn standard)
6783	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Pull up torque	IS 15999-1
6784	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Temperature rise test/ Thermal performance and tests	IEC 60034-1



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6785	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Temperature rise test/ Thermal performance and tests	IEC 60034-1 (withdrawn standard)
6786	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Temperature rise test/ Thermal performance and tests	IS 15999-1
6787	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Terminal marking	IEC 60034-8
6788	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Terminal marking	IS/IEC 60034-8
6789	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Vibration severity of motor	IEC 60034-14
6790	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Vibration severity of motor	IS15999-14
6791	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating electrical machine (AC/DC)	Temperature rise test/ Thermal performance and tests	IEC 60034-1
6792	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating Electrical Machines	IP1X to 6X & IPX1 to X8	IS/IEC 60034-5
6793	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotating Electrical Machines	IP1X to 6X & IPX1 to X8	IEC 60034-5
6794	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotodynamic special purpose pumps	Pump performance test	IS 5120
6795	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotodynamic special purpose pumps	Pump performance test	IS 5120
6796	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotodynamic special purpose pumps	Pump performance test	IS 5120
6797	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotodynamic special purpose pumps	Pump performance test	IS 5120
6798	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Rotodynamic special purpose pumps	Pump performance test	IS 5120
6799	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Breakaway Starting current at rated voltage and frequency	IS 996
6800	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Breakaway Starting current at rated voltage and frequency	IS 996
6801	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Constructional Features	IS 996
6802	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Degree of Protection/Type of Enclosures (IP1X to 6X & IPX1 to X8)	IS 996



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6803	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Degree of Protection/Type of Enclosures	IS 996
6804	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Dimension Test	IS 996
6805	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Earthing	IS 996
6806	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Full load test/ Load Test/ Determination of Efficiency	IS 996
6807	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Full load test/Load Test/Determination of Efficiency	IS 996
6808	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Full load test/Load Test/Determination of Efficiency	IS 996
6809	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	High Voltage test/High Potential test/Withstand voltage test	IS 996
6810	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Insulation Resistance test	IS 996
6811	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Leakage Current test	IS 996
6812	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Marking/Rating plate	IS 996
6813	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Methods of cooling	IS 996
6814	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Moisture Proofness test	IS 996
6815	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Momentary overload test	IS 996
6816	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	No Load Test at Rated Voltage	IS 996
6817	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Switching operation of centrifugal switch at no load	IS 996
6818	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Temperature Rise Test at Rated Voltage	IS 996
6819	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Terminal marking	IS 996



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6820	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Torques at rated voltage and frequency (Pull up, Pull out & Starting torque) test	IS 996
6821	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase a.c. Induction Motors	Vibration severity of motor/Vibration test	IS 996
6822	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Degree of Protection/Type of Enclosures	IS 14582
6823	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Earthing	IS 14582
6824	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Full load test/Load Test/Determination of Efficiency	IS 14582
6825	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Full load test/Load Test/Determination of Efficiency	IS 14582
6826	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	High Voltage test/High Potential test/Withstand voltage test	IS 14582
6827	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Marking/Rating plate	IS 14582
6828	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Methods of cooling	IS 14582
6829	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Momentary overload test	IS 14582
6830	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	No Load Test at Rated Voltage	IS 14582
6831	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Temperature Rise Test at Reduced Voltage/ at limiting value of voltage and frequency variation	IS 14582
6832	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Terminal marking	IS 14582
6833	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Breakaway Starting current at reduced voltage and rated frequency	IS 14582
6834	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Breakaway Starting current at reduced voltage and rated frequency	IS 14582



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6835	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Degree of Protection/Type of Enclosures (IP1X to 6X & IPX1 to X8)	IS 14582
6836	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Dimension Test	IS 14582
6837	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Full load test/Load Test/Determination of Efficiency	IS 14582
6838	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Insulation Resistance test	IS 14582
6839	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Locked Rotor Test/ Starting performance of cage induction motor	IS 14582
6840	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Locked Rotor Test/ Starting performance of cage induction motor	IS 14582
6841	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Measurement of Stator Resistance	IS 14582
6842	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single Phase small a.c. electric motors for centrifugal pumps for agricultural	Temperature Rise Test at Rated Voltage	IS 14582
6843	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Breakaway Starting current at rated voltage and frequency	IS 8151
6844	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Breakaway Starting current at rated voltage and frequency	IS 8151
6845	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Degree of Protection/Type of Enclosures	IS 8151
6846	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Dimension Test	IS 8151
6847	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Earthing	IS 8151
6848	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Full load test/Load Test/Determination of Efficiency	IS 8151
6849	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Full load test/Load Test/Determination of Efficiency	IS 8151
6850	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Full load test/Load Test/Determination of Efficiency	IS 8151



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6851	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	High Voltage test/High Potential test/Withstand voltage test	IS 8151
6852	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Insulation Resistance test	IS 8151
6853	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Locked Rotor Test/ Starting performance of cage induction motor	IS 8151
6854	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Marking/Rating plate	IS 8151
6855	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Measurement of Stator Resistance	IS 8151
6856	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Methods of Cooling	IS 8151
6857	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Momentary overload test	IS 8151
6858	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	No Load Test at Rated Voltage	IS 8151
6859	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Reduced voltage Running up test	IS 8151
6860	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Temperature Rise Test at Rated Voltage	IS 8151
6861	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Terminal marking	IS 8151
6862	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Vibration severity of motor/Vibration test	IS 8151
6863	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Single speed 3 ph induction motor for Driving lifts	Degree of Protection/Type of Enclosures (IP1X to 6X & IPX1 to X8)	IS 8151
6864	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping System	Performance evaluation of SPV pumping system	IS 17429
6865	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping System	Performance evaluation of SPV pumping system	IS 17429
6866	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping System-Micro Pumping	Performance test of solar PV water pumping systems	Solar Photovoltaic Water Pumping System-For Micro Pumping Applications (MNRE 2016-2017)



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6867	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping System-Micro Pumping	Performance test of solar PV water pumping systems	Solar Photovoltaic Water Pumping System-For Micro Pumping Applications (MNRE 2016-2017)
6868	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping Systems	Constructional features	IS 17018 (Part 1)
6869	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping Systems	Guarantees and tolerances on solar photovoltaic water pumping systems performance/Guarantee of Performance	IS 17018 (Part 1)
6870	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping Systems	Marking	IS 17018 (Part 1)
6871	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping Systems	Performance	IS 17018 (Part 1)
6872	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping Systems	Provision for earthing	IS 17018 (Part 1)
6873	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping Systems	Ratings	IS 17018 (Part 1)
6874	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping Systems	Ratings	IS 17018 (Part 1)
6875	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping Systems	Tests for hydraulic and electrical performance of pumpset	IS 17018 (Part 1)
6876	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Photovoltaic Water Pumping Systems	Tests for hydraulic and electrical performance of pumpset	IS 17018 (Part 1)
6877	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Pumping System	Constructional Feature	MNRE, Annexure-II of Circular No. F. No. 41/3/2018-SPV Division dated 17.7.2019
6878	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Pumping System	Marking	MNRE, Annexure-II of Circular No. F. No. 41/3/2018-SPV Division dated 17.7.2019
6879	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Pumping System	Operation and maintenance manual	MNRE, Annexure-II of Circular No. F. No. 41/3/2018-SPV Division dated 17.7.2019
6880	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Pumping System	Performance Evaluation of SPV Pumping System, (at Hot & Cold simulation profile and Outdoor condition)	MNRE, Annexure-II of Circular No. F. No. 41/3/2018-SPV Division dated 17.7.2019



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6881	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Pumping System	PV modules compatibility test for a solar pumping system/USE OF OTHER BRAND OF SOLAR MODULES	MNRE, Annexure-II of Circular No. F. No. 41/3/2018-SPV Division dated 17.7.2019
6882	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Solar Pumping System	Test For hydrolic and Electrical performance of Pumpset	MNRE, Annexure-II of Circular No. F. No. 41/3/2018-SPV Division dated 17.7.2019
6883	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	High Voltage test/High Potential test/Withstand voltage test	IS 7538
6884	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Marking/Rating plate	IS 7538
6885	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Methods of cooling	IS 7538
6886	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Momentary overload test	IS 7538
6887	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	No Load Test at Rated Voltage	IS 7538
6888	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Overspeed test	IS 7538
6889	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Reduced voltage Running up test	IS 7538
6890	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Degree of Protection/Type of Enclosures (IP1X to 6X & IPX1 to X8)	IS 7538
6891	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Degree of Protection/Type of Enclosures	IS 7538
6892	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Dimension Test	IS 7538
6893	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Earthing	IS 7538
6894	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Full load test/Load Test/Determination of Efficiency	IS 7538
6895	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Full load test/Load Test/Determination of Efficiency	IS 7538
6896	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Full load test/Load Test/Determination of Efficiency	IS 7538



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6897	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Insulation Resistance test	IS 7538
6898	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Locked Rotor Test/ Starting performance of cage induction motor	IS 7538
6899	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Locked Rotor Test/ Starting performance of cage induction motor	IS 7538
6900	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Measurement of Stator Resistance	IS 7538
6901	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Noise level of motor	IS 7538
6902	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Temperature Rise Test at Rated Voltage	IS 7538
6903	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Temperature Rise Test at Reduced Voltage/ at limiting value of voltage and frequency variation	IS 7538
6904	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Terminal marking	IS 7538
6905	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Test for efficiency at reduced load	IS 7538
6906	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Test for efficiency at reduced load	IS 7538
6907	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Test for efficiency at reduced load	IS 7538
6908	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Squirrel cage induction motor for centrifugal and agricultural purpose	Vibration severity of motor	IS 7538
6909	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Balancing of rotor	IS 8034
6910	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Constructional details/Constructional features/Constructional requirements/General requirement	IS 8034
6911	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Design features/ Guarantee of performance	IS 8034
6912	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Direction of rotation	IS 8034



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6913	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Earthing	IS 8034
6914	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	General Requirement	IS 8034
6915	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	High voltage test	IS 8034
6916	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Hydrostatic test	IS 8034
6917	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Insulation resistance test	IS 8034
6918	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Leakage current test	IS 8034
6919	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Locked rotor test/ starting performance of cage induction motor	IS 8034
6920	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Marking/Rating plate	IS 8034
6921	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Measurement of stator resistance	IS 8034
6922	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Momentary overload test	IS 8034
6923	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	No load test at rated voltage	IS 8034
6924	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Pump performance test	IS 8034
6925	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Pump performance test	IS 8034
6926	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Pump performance test	IS 8034
6927	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Pump performance test	IS 8034
6928	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Reduced voltage running up test	IS 8034
6929	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Submersible cable	IS 8034
6930	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Temperature rise test at rated voltage	IS 8034



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6931	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Temperature rise test at reduced voltage	IS 8034
6932	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Terminal marking	IS 8034
6933	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Typical installation	IS 8034
6934	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Submersible pumpsets	Voltage & frequency variation	IS 8034
6935	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	a.c. Metal-Enclosed Switchgear and Controlgear for Rated Voltages Above 1 kV Up to and Including 52 kV	Measurement of resistance of main circuit	IEC 62271-200
6936	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	a.c. Metal-Enclosed Switchgear and Controlgear for Rated Voltages Above 1 kV Up to and Including 52 kV	Measurement of resistance of main circuit	IS/IEC 62271-200
6937	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	a.c. Metal-Enclosed Switchgear and Controlgear for Rated Voltages Above 1 kV Up to and Including 52 kV	Short-time withstand current and peak withstand current tests	IEC 62271-200
6938	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	a.c. Metal-Enclosed Switchgear and Controlgear for Rated Voltages Above 1 kV Up to and Including 52 kV	Short-time withstand current and peak withstand current tests	IS/IEC 62271-200
6939	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	AC Insulation enclosed Switchgear and Controlgear for Rated Voltages Above 1 kV Up to and Including 52 kV	Dielectric test	IS/IEC 62271-201
6940	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	AC Insulation enclosed Switchgear and Controlgear for Rated Voltages Above 1 kV Up to and Including 52 kV	Measurement of resistance of main circuit	IS/IEC 62271-201
6941	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	AC Insulation enclosed Switchgear and Controlgear for Rated Voltages Above 1 kV Up to and Including 52 kV	Short-time withstand current and peak withstand current tests	IEC 62271-201
6942	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	AC Insulation enclosed Switchgear and Controlgear for Rated Voltages Above 1 kV Up to and Including 52 kV	Short-time withstand current and peak withstand current tests	IS/IEC 62271-201
6943	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Alternating current direct current static prepayment meters for active energy (Class 1 and 2)	G-6 : Short circuit current carrying capacity	IS 15884
6944	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Carriers and bases in rewirable type electric fuses for voltage upto 650V	Insulation resistance test	IS 2086
6945	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Carriers and bases in rewirable type electric fuses for voltage upto 650V	Test for breaking capacity test	IS 2086
6946	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Composite Units of Air-Break switches and rewirable type fuses for voltage not exceeding 650V a.c.	Verification of rated fuse short circuit current	IS 10027
6947	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC contactor, DC starter	Performance under short circuit conditions	IEC-60947-4-1



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6948	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC contactor, DC starter	Performance under short circuit conditions	IS/IEC 60947-4-1
6949	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC contactor, DC starter	Results to be obtained 1. Overload release 2. dielectric test and leakage current 3. 10 operation in case of welding	IEC-60947-4-1
6950	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC HRC FUSE	Verification of breaking capacity	IEC 60269-1
6951	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC HRC FUSE	Verification of Cutoff characteristics	IEC 60269-1
6952	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC HRC FUSE	Verification of I <sub>2</sub> t characteristics and overcurrent selectivity	IEC 60269-1
6953	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC HRC FUSE	Verification of Insulating properties	IEC 60269-1
6954	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	Dielectric Verification	IEC 60947-3
6955	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	circuit breaker protected short circuit making	IEC 60947-3
6956	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	circuit breaker protected short circuit withstand	IEC 60947-3
6957	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	Dielectric Verification	IS/IEC 60947-3
6958	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	Fuse protected short circuit making	IEC 60947-3
6959	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	Fuse protected short circuit making	IS/IEC 60947-3
6960	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	Fuse protected short circuit withstand	IEC 60947-3
6961	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	Fuse protected short circuit withstand	IS/IEC 60947-3
6962	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	Leakage Current	IEC 60947-3
6963	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	Leakage Current	IS/IEC 60947-3
6964	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	Short circuit making capacity	IEC 60947-3
6965	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	Short circuit making capacity	IS/IEC 60947-3



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6966	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	Short Time withstand Current test	IS/IEC 60947-3
6967	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	Temperature Rise Verification	IEC 60947-3
6968	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DC SWITCH, DC SWITCH DISCONNECTORS	Temperature Rise Verification	IS/IEC 60947-3
6969	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DCDBs	Verification of sort circuit withstand strength	IEC 61439-1
6970	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	DCDBs	Verification of sort circuit withstand strength	IS/IEC 61439-1
6971	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Ability to withstand short circuit	IEC 60076 (Part 5)
6972	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Ability to withstand short circuit	IS 11171
6973	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Ability to withstand short circuit	IS 2026 (Part 5)
6974	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Applied voltage test/separate source voltage withstand test (Before and after short circuit test)	IEC 60076 (Part 3)
6975	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Applied voltage test/separate source voltage withstand test (Before and after short circuit test)	IS 11171
6976	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Applied voltage test/separate source voltage withstand test (Before and after short circuit test)	IS 1180 (Part 1)
6977	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Applied voltage test/separate source voltage withstand test (Before and after short circuit test)	IS 2026 (Part 3)
6978	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Induced voltage withstand test (Before and after short circuit test)	IEC 60076 (Part 3)
6979	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Induced voltage withstand test (Before and after short circuit test)	IS 11171
6980	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Induced voltage withstand test (Before and after short circuit test)	IS 1180 (Part 1)



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6981	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Induced voltage withstand test (Before and after short circuit test)	IS 2026 (Part 3)
6982	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of insulation resistance (Before and after short circuit test)	IEC 60076-1
6983	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of insulation resistance (Before and after short circuit test)	IS 11171
6984	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of insulation resistance (Before and after short circuit test)	IS 1180 (Part 1)
6985	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of insulation resistance (Before and after short circuit test)	IS 2026 (Part 1)
6986	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of no load loss and current (Before and after short circuit test)	IEC 60076-1
6987	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of no load loss and current (Before and after short circuit test)	IS 11171
6988	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of no load loss and current (Before and after short circuit test)	IS 1180 (Part 1)
6989	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of no load loss and current (Before and after short circuit test)	IS 2026 (Part 1)
6990	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of short circuit impedance and load loss (Before and after short circuit test)	IEC 60076-1
6991	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of short circuit impedance and load loss (Before and after short circuit test)	IS 11171
6992	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of short circuit impedance and load loss (Before and after short circuit test)	IS 1180 (Part 1)



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6993	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of short circuit impedance and load loss (Before and after short circuit test)	IS 2026 (Part 1)
6994	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of winding Resistance (Before and after short circuit test)	IEC 60076-1
6995	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of winding Resistance (Before and after short circuit test)	IS 11171
6996	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of winding Resistance (Before and after short circuit test)	IS 1180 (Part 1)
6997	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of winding Resistance (Before and after short circuit test)	IS 2026 (Part 1)
6998	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of voltage ratio and check of phase displacement(Before and after short circuit test)	IEC 60076-1
6999	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of voltage ratio and check of phase displacement(Before and after short circuit test)	IS 11171
7000	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of voltage ratio and check of phase displacement(Before and after short circuit test)	IS 1180 (Part 1)
7001	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Transformer	Measurement of voltage ratio and check of phase displacement(Before and after short circuit test)	IS 2026 (Part 1)
7002	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Electric Power Connectors	Short time current test	IS 5561
7003	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Gas-Insulated Metal-Enclosed Switchgear for Rated Voltages Above 52 kV	Measurement of resistance of main circuit	IEC 62271-203
7004	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Gas-Insulated Metal-Enclosed Switchgear for Rated Voltages Above 52 kV	Measurement of resistance of main circuit	IS/IEC 62271-203
7005	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Gas-Insulated Metal-Enclosed Switchgear for Rated Voltages Above 52 kV	Short-time withstand current and peak withstand current tests	IEC 62271-203



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7006	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Gas-Insulated Metal-Enclosed Switchgear for Rated Voltages Above 52 kV	Short-time withstand current and peak withstand current tests	IS/IEC 62271-203
7007	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current circuit breakers	Short-time withstand current and peak withstand current tests	IEC 62271-100
7008	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current circuit breakers	Dielectric test	IEC 62271-100
7009	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current circuit breakers	Measurement of resistance of main circuit	IEC 62271-100
7010	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current circuit breakers	Measurement of resistance of main circuit	IS/IEC 62271-100
7011	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current circuit breakers	Short-time withstand current and peak withstand current tests	IS/IEC 62271-100
7012	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current circuit breakers	Short-time withstand current and peak withstand current tests	IS/IEC 62271-100
7013	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current circuit breakers	Dielectric test	IS/IEC 62271-100
7014	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current disconnectors and earthing switches	Dielectric test	IS/IEC 62271-102
7015	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current disconnectors and earthing switches	Measurement of resistance of main circuit	IEC 62271 - 102
7016	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current disconnectors and earthing switches	Measurement of resistance of main circuit	IS/IEC 62271-102
7017	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current disconnectors and earthing switches	Power frequency withstand voltage	IEC 62271 - 102
7018	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current disconnectors and earthing switches	Short-time withstand current and peak withstand current tests	IEC 62271 - 102
7019	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current disconnectors and earthing switches	Short-time withstand current and peak withstand current tests	IS/IEC 62271-102
7020	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current switches for rated voltages above 1 kV up to and including 52 kV	Measurement of resistance of main circuit	IS/IEC 62271 - 103
7021	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current switches for rated voltages above 1 kV up to and including 52 kV	Dielectric test	IS/IEC 62271 - 103



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7022	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current switches for rated voltages above 1 kV up to and including 52 kV	Measurement of resistance of main circuit	IEC 62271 - 103
7023	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current switches for rated voltages above 1 kV up to and including 52 kV	Short-time withstand current and peak withstand current tests	IEC 62271 - 103
7024	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current switches for rated voltages above 1 kV up to and including 52 kV	Short-time withstand current and peak withstand current tests	IS/IEC 62271 - 103
7025	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Dielectric test	IS/IEC 62271 - 104
7026	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Measurement of resistance of main circuit	IEC 62271 - 104
7027	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Short-time withstand current and peak withstand current tests	IEC 62271 - 104
7028	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Short-time withstand current and peak withstand current tests	IS/IEC 62271 - 104
7029	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear - Alternating current switches for rated voltages higher than 52 kV	Measurement of resistance of main circuit	IS/IEC 62271 - 104
7030	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Instrument transformer - Current transformer	Short-time current tests	IEC 61869-2
7031	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Instrument transformer - Current transformer	Short-time current tests	IS - 16227 (Part-2)
7032	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Instrument transformer - Current transformer	Short-time current tests	IS 2705 - 1
7033	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Instrument transformer - Inductive Voltage Transformer	Short Circuit withstand capability test	IEC 61869-3
7034	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Instrument transformer - Inductive Voltage Transformer	Short Circuit withstand capability test	IS - 16227 (Part-3)
7035	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of cut off current characteristics	IEC 60269-1
7036	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of cut off current characteristics	IS/IEC 60269-1
7037	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of I t <sub>2t</sub> characteristics and overcurrent selectivity	IEC 60269-1



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7038	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of I 2t characteristics and overcurrent selectivity	IS/IEC 60269-1
7039	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the breaking capacity	IEC 60269-1
7040	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the breaking capacity	IS/IEC 60269-1
7041	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Multiple function equipment - Transfer switching equipment	Dielectric withstand verification	IEC 60947-6-1
7042	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Multiple function equipment - Transfer switching equipment	Rated conditional short-circuit current	IEC 60947-6-1
7043	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Multiple function equipment - Transfer switching equipment	Rated short-circuit making capacity	IEC 60947-6-1
7044	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Multiple function equipment - Transfer switching equipment	Rated short-time withstand current	IEC 60947-6-1
7045	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Multiple function equipment - Transfer switching equipment	Rated short-circuit breaking capacity	IEC 60947-6-1
7046	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - protective conductor terminal block for copper conductor	Short time withstand current test	IEC 60947-7-2
7047	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - protective conductor terminal block for copper conductor	Verification of voltage drop	IEC 60947-7-2
7048	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Terminal for copper conductor	Short time withstand current test	IEC 60947-7-1
7049	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Terminal for copper conductor	Verification of voltage drop	IEC 60947-7-1
7050	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Electromechanical control circuit devices	Performance under short circuit current	IEC 60947-5-1
7051	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Electromechanical control circuit devices	Performance under short circuit current	IS/IEC 60947-5-1
7052	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Electromechanical control circuit devices	Power frequency withstand voltage	IEC 60947-5-1
7053	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Electromechanical control circuit devices	Power frequency withstand voltage	IS/IEC 60947-5-1
7054	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Leakage current measurement	IEC 60947 - 4 -1
7055	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Leakage current measurement	IS/IEC 60947 - 4 -1



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7056	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Making and breaking capacities	IEC 60947 - 4 -1
7057	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Making and breaking capacities	IS/IEC 60947 - 4 - 2
7058	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Making and breaking capacities	IS/IEC 60947 - 4 -1
7059	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Operational performance capability	IEC 60947 - 4 -1
7060	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Operational performance capability	IS/IEC 60947 - 4 - 2
7061	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Operational performance capability	IS/IEC 60947 - 4 -1
7062	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Overload current withstand capability of contactors	IEC 60947 - 4 -1
7063	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Overload current withstand capability of contactors	IS/IEC 60947 - 4 -1
7064	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Power frequency withstand voltage	IEC 60947 - 4 -1
7065	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Power frequency withstand voltage	IS/IEC 60947 - 4 -1
7066	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Test sequence 3 - performance under short-circuit conditions	IEC 60947 - 4 -1
7067	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Test sequence 3 - performance under short-circuit conditions	IS/IEC 60947 - 4 -1
7068	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Tripping test	IEC 60947 - 4 -1
7069	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters section 1 Electromechanical contactors and motor starters	Tripping test	IS/IEC 60947 - 4 -1



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7070	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters Section 2 a.c Semiconductor motor controllers and starters	Power frequency withstand voltage	IEC 60947 - 4 - 2
7071	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-Starters Section 2 a.c Semiconductor motor controllers and starters	Tripping test	IEC 60947 - 4 - 2
7072	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-StartersSection 2 a.c Semiconductor motor controllers and starters	Leakage current measurement	IEC 60947 - 4 - 2
7073	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-StartersSection 2 a.c Semiconductor motor controllers and starters	Leakage current measurement	IS/IEC 60947 - 4 - 2
7074	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-StartersSection 2 a.c Semiconductor motor controllers and starters	Making and breaking capacities	IEC 60947 - 4 - 2
7075	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-StartersSection 2 a.c Semiconductor motor controllers and starters	Operational performance capability	IEC 60947 - 4 - 2
7076	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-StartersSection 2 a.c Semiconductor motor controllers and starters	Overload current withstand capability of contactors	IEC 60947 - 4 - 2
7077	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-StartersSection 2 a.c Semiconductor motor controllers and starters	Overload current withstand capability of contactors	IS/IEC 60947 - 4 - 2
7078	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-StartersSection 2 a.c Semiconductor motor controllers and starters	Power frequency withstand voltage	IS/IEC 60947 - 4 - 2
7079	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-StartersSection 2 a.c Semiconductor motor controllers and starters	Test sequence - III - Performance under short-circuit conditions	IEC 60947 - 4 - 2
7080	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-StartersSection 2 a.c Semiconductor motor controllers and starters	Test sequence - III - Performance under short-circuit conditions	IS/IEC 60947 - 4 - 2
7081	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Contactors and Motor-StartersSection 2 a.c Semiconductor motor controllers and starters	Tripping test	IS/IEC 60947 - 4 - 2
7082	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Switches, Disconnectors, Switch- Disconnectors and fuse combination Units	Dielectric verification	IEC 60947 - 3
7083	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Switches, Disconnectors, Switch- Disconnectors and fuse combination Units	Dielectric verification	IS/IEC 60947-3



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7084	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Switches, Disconnectors, Switch- Disconnectors and fuse combination Units	Leakage current measurement	IEC 60947 - 3
7085	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Switches, Disconnectors, Switch- Disconnectors and fuse combination Units	Leakage current measurement	IS/IEC 60947-3
7086	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Switches, Disconnectors, Switch- Disconnectors and fuse combination Units	Test Sequence I -Making and Breaking capacities	IEC 60947 - 3
7087	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Switches, Disconnectors, Switch- Disconnectors and fuse combination Units	Test Sequence I -Making and Breaking capacities	IS/IEC 60947-3
7088	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Switches, Disconnectors, Switch- Disconnectors and fuse combination Units	Test sequence II: operational performance capability	IEC 60947 - 3
7089	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Switches, Disconnectors, Switch- Disconnectors and fuse combination Units	Test sequence II: operational performance capability	IS/IEC 60947-3
7090	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Switches, Disconnectors, Switch- Disconnectors and fuse combination Units	Test sequence III: short-circuit performance capability	IEC 60947 - 3
7091	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Switches, Disconnectors, Switch- Disconnectors and fuse combination Units	Test sequence III: short-circuit performance capability	IS/IEC 60947-3
7092	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Switches, Disconnectors, Switch- Disconnectors and fuse combination Units	Test sequence IV: conditional short-circuit current	IEC 60947 - 3
7093	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear -Switches, Disconnectors, Switch- Disconnectors and fuse combination Units	Test sequence IV: conditional short-circuit current	IS/IEC 60947-3
7094	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Leakage current measurement	IEC 60947-2
7095	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Leakage current measurement	IEC 60947-2
7096	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Leakage current measurement	IS/IEC 60947-2
7097	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Test Sequence - I - Overload performance	IEC 60947-2
7098	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Test Sequence - I - Overload performance	IS/IEC 60947-2



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7099	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Test Sequence - I - Tripping limits and characteristics	IEC 60947-2
7100	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Test Sequence - I - Tripping limits and characteristics	IS/IEC 60947-2
7101	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Test Sequence - II - Rated service short-circuit breaking capacity	IEC 60947-2
7102	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Test Sequence - II - Rated service short-circuit breaking capacity	IS/IEC 60947-2
7103	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Test Sequence - III - Rated ultimate short-circuit breaking capacity	IEC 60947-2
7104	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Test Sequence - III - Rated ultimate short-circuit breaking capacity	IS/IEC 60947-2
7105	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Test Sequence - IV - Rated short-time withstand current	IEC 60947-2
7106	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Test Sequence - IV - Rated short-time withstand current	IS/IEC 60947-2
7107	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Test Sequence - V - Performance of integrally fused circuit-breakers	IEC 60947-2
7108	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Test Sequence - V - Performance of integrally fused circuit-breakers	IS/IEC 60947-2
7109	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Test Sequence - VI - combined test sequence	IEC 60947-2
7110	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Test Sequence - VI - combined test sequence	IS/IEC 60947-2
7111	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Verification of dielectric withstand	IEC 60947-2
7112	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Verification of dielectric withstand	IS/IEC 60947-2
7113	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Verification of operational performance capability	IEC 60947-2
7114	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Verification of operational performance capability	IS/IEC 60947-2
7115	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Verification of overload releases	IEC 60947-2



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7116	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Verification of overload releases	IS/IEC 60947-2
7117	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Annex - A :Co-ordination between a circuit-breaker and another shortcircuit protective device associated in the same circuit	IEC 60947-2
7118	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Annex - A :Co-ordination between a circuit-breaker and another shortcircuit protective device associated in the same circuit	IS/IEC 60947-2
7119	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Annex - H -Test sequence for circuit-breakers for IT systems	IEC 60947-2
7120	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Annex - H -Test sequence for circuit-breakers for IT systems	IS/IEC 60947-2
7121	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Annex - L -Circuit-breakers not fulfilling the requirements for over current protection	IEC 60947-2
7122	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Annex - L -Circuit-breakers not fulfilling the requirements for over current protection	IS/IEC 60947-2
7123	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Annex - O -Instantaneous trip circuit-breakers (ICB)	IEC 60947-2
7124	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Annex - O -Instantaneous trip circuit-breakers (ICB)	IS/IEC 60947-2
7125	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Annex - P - DC circuit-breakers for use in photovoltaic (PV) applications	IEC 60947-2
7126	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Annex - P - DC circuit-breakers for use in photovoltaic (PV) applications	IS/IEC 60947-2
7127	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Annex-C Individual pole short-circuit test sequence	IEC 60947-2
7128	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear - Circuit Breakers	Annex-C Individual pole short-circuit test sequence	IS/IEC 60947-2
7129	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Effective earth continuity between the exposed conductive parts of the assembly and protective circuit	IEC 61439 (part 1)



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7130	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Effective earth continuity between the exposed conductive parts of the assembly and protective circuit	IS/IEC 61439 (part 1)
7131	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Measurement of resistance of protective conductor	IEC 61439 (part 1)
7132	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Measurement of resistance of protective conductor	IS/IEC 61439 (part 1)
7133	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Power frequency withstand voltage	IEC 61439 (part 1)
7134	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Power frequency withstand voltage	IS/IEC 61439 (part 1)
7135	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Short circuit withstand strength of protective circuit	IEC 61439 (part 1)
7136	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Short circuit withstand strength of protective circuit	IEC 61439 (part 2)
7137	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Short circuit withstand strength of protective circuit	IEC 61439 (part 3)
7138	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Short circuit withstand strength of protective circuit	IEC 61439 (part 6)
7139	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Short circuit withstand strength of protective circuit	IS/IEC 61439 (part 1)
7140	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Short circuit withstand strength of protective circuit	IS/IEC 61439 (part 2)
7141	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Short-circuit withstand strength	IEC 61439 (part 1)
7142	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Short-circuit withstand strength	IEC 61439 (part 2)
7143	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Short-circuit withstand strength	IEC 61439 (part 3)
7144	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Short-circuit withstand strength	IEC 61439 (part 6)
7145	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Short-circuit withstand strength	IS/IEC 61439 (part 1)
7146	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-Voltage Switchgear and controlgear assemblies	Short-circuit withstand strength	IS/IEC 61439 (part 2)
7147	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Dielectric strength test	IEC - 60898 - 1



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7148	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Dielectric strength test	IS/IEC - 60898-1
7149	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Leakage current measurement	IEC - 60898 - 1
7150	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Leakage current measurement	IS/IEC - 60898-1
7151	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Non-tripping and tripping test	IEC - 60898 - 1
7152	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Non-tripping and tripping test	IS/IEC - 60898-1
7153	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Performance at rated making and breaking capacity (Icn1) on an individual pole of multipole circuit-breakers	IS/IEC - 60898-1
7154	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Performance at rated making and breaking capacity (Icn1) on an individual pole of multipole circuit-breakers	IEC - 60898 - 1
7155	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Performance at rated making and breaking capacity (Icn1) on an individual pole of multipole circuit-breakers	IEC - 60898 - 1
7156	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Performance at rated short-circuit capacity (Icn)	IEC - 60898 - 1
7157	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Performance at rated short-circuit capacity (Icn)	IS/IEC - 60898-1
7158	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Performance at reduced short circuit current	IEC - 60898 - 1
7159	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Performance at reduced short circuit current	IS/IEC - 60898-1
7160	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Reduced short circuit current	IEC 60898-2
7161	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Reduced short circuit current	IS/IEC-60898-2
7162	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Service short-circuit capacity (Ics)	IEC - 60898 - 1
7163	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Service short-circuit capacity (Ics)	IS/IEC - 60898-1
7164	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Short-circuit performance at 1500 A	IEC - 60898 - 1



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7165	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Short-circuit test for verifying the suitability of circuit-breakers for use in IT systems	IS/IEC - 60898-1
7166	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Short-circuit test for verifying the suitability of circuit-breakers for use in IT systems	IEC - 60898 - 1
7167	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	test at 1500A	IEC 60898-2
7168	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	test at 1500A	IS/IEC-60898-2
7169	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Test at rated making and breaking capacity on an individual pole (Icn1) of multipole circuit breaker	IEC 60898-2
7170	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Test at rated making and breaking capacity on an individual pole (Icn1) of multipole circuit breaker	IS/IEC-60898-2
7171	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Test at rated short circuit capacity	IEC 60898-2
7172	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Test at rated short circuit capacity	IS/IEC-60898-2
7173	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Test at service short circuit capacity	IEC 60898-2
7174	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Test at service short circuit capacity	IS/IEC-60898-2
7175	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Test at small direct currents upto and including 150A	IEC 60898-2
7176	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Test at small direct currents upto and including 150A	IS/IEC-60898-2
7177	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Tripping test	IEC - 60898 - 1
7178	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Tripping test	IS/IEC - 60898-1
7179	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Verification of Circuit breaker after short circuit tests	IEC 60898-2
7180	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Verification of Circuit breaker after short circuit tests	IS/IEC-60898-2
7181	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB	Short-circuit performance at 1500 A	IS/IEC - 60898-1



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7182	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	Verification of operational Capability	IS/IEC 60947-2
7183	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	Verification of overload releases	IS/IEC 60947-2
7184	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	Verification of overload releases	IEC 60947-2
7185	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	Rated service short circuit breaking capacity	IEC 60947-2
7186	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	Rated service short circuit breaking capacity	IS/IEC 60947-2
7187	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	Rated short time withstand current	IEC 60947-2
7188	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	Rated short time withstand current	IS/IEC 60947-2
7189	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	Rated ultimate short circuit breaking capacity	IEC 60947-2
7190	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	Rated ultimate short circuit breaking capacity	IS/IEC 60947-2
7191	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	short circuit breaking capacity at maximum short time withstand current	IEC 60947-2
7192	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	short circuit breaking capacity at maximum short time withstand current	IS/IEC 60947-2
7193	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	Verification of dielectric withstand	IEC 60947-2
7194	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	Verification of dielectric withstand	IS/IEC 60947-2
7195	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	Verification of operational Capability	IEC 60947-2
7196	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	Verification of Temperature rise	IEC 60947-2
7197	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	MCB, MCCB, ACB	Verification of Temperature rise	IS/IEC 60947-2
7198	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Particular requirements - Static payment meters for active energy (Classes 1 and 2)	C-6 : Short circuit current carrying capacity	IEC 62055-31
7199	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	PV Fuse	Verification of breaking capacity	IEC 60269-6



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7200	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Dielectric strength test	IEC 61009-1
7201	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Dielectric strength test	IS 12640 (Part-2)
7202	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Leakage current measurement	IEC 61009-1
7203	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Leakage current measurement	IS 12640 (Part-2)
7204	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Non-tripping and tripping test	IEC 61009-1
7205	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Non-tripping and tripping test	IS 12640 (Part-2)
7206	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Short-circuit test on RCBOs for verifying their suitability for use in IT systems	IEC 61009-1
7207	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Short-circuit test on RCBOs for verifying their suitability for use in IT systems	IS 12640 (Part-2)
7208	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Test at 1 500 A	IS 12640 (Part-2)
7209	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Test at 1500 A	IEC 61009-1
7210	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Test at 1500 A	IS 12640 (Part-2)
7211	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Test at rated short-circuit capacity (Icn)	IEC 61009-1
7212	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Test at rated short-circuit capacity (Icn)	IS 12640 (Part-2)
7213	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Test at reduced short-circuit currents	IS 12640 (Part-2)
7214	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Test at reduced short-circuit currents	IEC 61009-1
7215	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Test at service short-circuit capacity (Ics)	IEC 61009-1
7216	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Test at service short-circuit capacity (Ics)	IS 12640 (Part-2)
7217	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Tripping test	IEC 61009-1



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7218	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Tripping test	IS 12640 (Part-2)
7219	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Verification of the rated residual making and breaking capacity (I <sub>m</sub> )	IEC 61009-1
7220	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCBO	Verification of the rated residual making and breaking capacity (I <sub>m</sub> )	IS 12640 (Part-2)
7221	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Dielectric strength test	IEC 61008-1
7222	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Dielectric strength test	IS 12640 (Part-1)
7223	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Leakage current measurement	IEC 61008-1
7224	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Leakage current measurement	IS 12640 (Part-1)
7225	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Verification of the coordination at rated conditional residual short-circuit current (I <sub>sc</sub> )	IEC 61008-1
7226	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Verification of the coordination at rated conditional residual short-circuit current (I <sub>sc</sub> )	IS 12640 (Part-1)
7227	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Verification of the coordination at the rated conditional short-circuit current (I <sub>sc</sub> )	IEC 61008-1
7228	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Verification of the coordination at the rated conditional short-circuit current (I <sub>sc</sub> )	IS 12640 (Part-1)
7229	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Verification of the coordination at the rated making and breaking capacity (I <sub>m</sub> )	IEC 61008-1
7230	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Verification of the coordination at the rated making and breaking capacity (I <sub>m</sub> )	IS 12640 (Part-1)
7231	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Verification of the rated making and breaking capacity (I <sub>m</sub> )	IEC 61008-1
7232	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Verification of the rated making and breaking capacity (I <sub>m</sub> )	IS 12640 (Part-1)



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7233	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Verification of the rated residual making and breaking capacity (I <sub>m</sub> )	IEC 61008-1
7234	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Verification of the rated residual making and breaking capacity (I <sub>m</sub> )	IS 12640 (Part-1)
7235	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Verification of the suitability of RCCBs for use in IT-systems	IEC 61008-1
7236	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	RCCB	Verification of the suitability of RCCBs for use in IT-systems	IS 12640 (Part-1)
7237	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	SPECIFICATION FOR ENCLOSED DISTRIBUTION FUSEBOARDS AND CUTOUTS FOR VOLTAGES NOT EXCEEDING 1000 V AC AND 1200 V DC	Verification of short circuit strength	IS 2675
7238	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Specification for interconnecting busbars for AC voltage above 1kV up to and including 36kV	Short time current test	IS 8084
7239	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Tap changers	Short time current test	IEC 60214
7240	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Tap changers	Short time current test	IS 8468 (Part 1)
7241	ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT	Circuit breaker	Salt Spray Test	IEC 60068 - 2- 52
7242	ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT	Circuit breaker	Salt Spray Test	IEC 60068 - 2- 52 (WITHDRAWN)
7243	ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT	Circuit breaker	Salt Spray Test	IEC 60947 -1
7244	ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT	Circuit breaker	Salt Spray Test	IEC 60947 -1 (WITHDRAWN)
7245	ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT	Circuit breaker	Salt Spray Test	IS/IEC 60947 -2
7246	ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT	Connectors for DC-application in photovoltaic systems with rated voltages up to 1500V d.c. and rated currents up to 125A per contact	Degree of Protection (IP1X to 6X & IPX1 to X8)	IEC 62852
7247	ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT	Connectors with rated voltages above 50V and up to 1000V a.c. and d.c. and rated currents up to 125A per contact	Degree of Protection (IP1X to 6X & IPX1 to X8)	IEC 61984



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7248	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Earth Pits	Earth Resistance Measurement	IS 3043
7249	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Earth Pits	Earth Resistance Measurement	IS 3043 (withdrawn)
7250	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Enclosure	Ingress Protection (1X to 6X & X1 to X8)	IEC 60529
7251	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Enclosure	Ingress Protection (1X to 6X & X1 to X8)	IEC 62208
7252	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Enclosure	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 60529
7253	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Buffered Reporting Unbuffered Reporting	IEC 61850-10 Cl. No. 6.0
7254	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Buffered Reporting Unbuffered Reporting	IEC 61850-8-1 Cl. No. 8.0, 12.0, 17.0
7255	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Control model	IEC 61820-10 Cl. No. 6.0
7256	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Control Model	IEC 61850-7-2 Cl. No. 20.0
7257	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Control Model	IEC 61850-7-4 Annex A
7258	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Control Model	IEC 61850-8-1 Cl. No. 20.0
7259	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Data Sets Dataset definition	IEC 61850-10:2012 Cl. No. 6.0
7260	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Data Sets Dataset definition	IEC 61850-7-2 Cl. No. 9.0, 10.0, 11.0, 13.0
7261	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Data Sets Dataset definition	IEC 61850-8-1 Cl. No. 8.0, 12.0, 14.0



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7262	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Documentation and version control test procedure Overview, Application association model Server, Logical Device, Logical node and data model Overview	IEC 61850-10 Cl. No. 6.0
7263	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Documentation and version control test procedure Overview, Application association model Server, Logical Device, Logical node and data model Overview	IEC 61850-4 Cl. No. 5.0
7264	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Documentation and version control test procedure Overview, Application association model Server, Logical Device, Logical node and data model Overview	IEC 61850-6 Cl. No. 6.0, 7.0, 8.0, 9.0
7265	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Dry heat/Dry cold/Cyclic Climate/Environmental test	IEC 60068-2-14 (General Procedure)
7266	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	File Transfer	IEC 61850-10 Cl. No. 6.0
7267	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	File Transfer	IEC 61850-7-2 Cl. No. 7.0, 8.0, 23.0
7268	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	File Transfer	IEC 61850-8-1 Cl. No. 23.0
7269	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Generic object oriented substation event (GOOSE)	IEC 61850-8-1 Cl. No. 18.1
7270	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Generic substation event class model (GSE)	IEC 61850-7-2 Cl. No. 18.0
7271	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Goose Performance test	IEC 61850-10 Cl. No. 8.2.3
7272	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Operating Limits/Pick up/Dropout Operating Time/Verification of releases/Over current operating characteristics	IEC 60255-149 Cl. No. 4.0, 5.0, 6.0



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7273	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Operating Limits/Pick up/Dropout Operating Time/Verification of releases/Over current operating characteristics	IEC 60255-151 Cl. No. 6.0
7274	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Operating Limits/Pick up/Dropout Operating Time/Verification of releases/Over current operating characteristics	IEC 60255-127 Cl. No. 5.0, 6.0
7275	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Time synchronization	IEC 61850-10 Cl. No. 6.0
7276	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Time synchronization	IEC 61850-7-2 Cl.No. 6.0, 21.0
7277	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Power System protection relays	Time synchronization	IEC 61850-8-1 Cl. No. 6.0, 21.0
7278	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ageing test of screw less type terminals	IEC 60947-7-1
7279	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS 8623 (Part 2)
7280	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 62271-1
7281	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60898-1
7282	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS 4007 (Part 1)
7283	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	28 day test/ Reliability at 40 °C/Verification of thermal stability	IEC 60898-1
7284	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	28 day test/ Reliability at 40 °C/Verification of thermal stability	IEC 61439-1



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7285	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	28 day test/ Reliability at 40 °C/Verification of thermal stability	IEC 61439-2
7286	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	28 day test/ Reliability at 40 °C/Verification of thermal stability	IS/IEC 60898-1
7287	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	28 day test/ Reliability at 40 °C/Verification of thermal stability	IS/IEC 60898-2
7288	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	28 day test/ Reliability at 40 °C/Verification of thermal stability	IS/IEC 61439-1
7289	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	28 day test/ Reliability at 40 °C/Verification of thermal stability	IS/IEC 61439-2
7290	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	28 day test/ Reliability at 40 °C/Verification of thermal stability	IEC 60898-1
7291	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	28 day test/ Reliability at 40 °C/Verification of thermal stability	IEC 61008-1
7292	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	28 day test/ Reliability at 40 °C/Verification of thermal stability	IEC 61009-1
7293	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	28 day test/ Reliability at 40 °C/Verification of thermal stability	IS 12640 (Part 1)
7294	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	28 day test/ Reliability at 40 °C/Verification of thermal stability	IS 12640 (Part 2)
7295	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	28 day test/ Reliability at 40 °C/Verification of thermal stability	IS 12640 (Part 2)
7296	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ageing test of screw less type terminals	IEC 60947-7-2
7297	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Attachment of the terminal block on its support	IEC 60947-7-1
7298	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Attachment of the terminal block on its support	IEC 60947-7-2



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7299	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Behaviour in case of failure of line voltage	IEC 61008-1
7300	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Behaviour in case of failure of line voltage	IEC 61009-1
7301	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Behaviour in case of failure of line voltage	IS 12640 (Part 1)
7302	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Behaviour in case of failure of line voltage	IS 12640 (Part 2)
7303	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Behaviour in case of surge currents	IEC 61008-1
7304	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Behaviour in case of surge currents	IEC 61009-1
7305	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Behaviour in case of surge currents	IS 12640 (Part 1)
7306	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Behaviour in case of surge currents	IS 12640 (Part 2)
7307	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Behaviour in case of surge currents	IS 12640 (Part 2)
7308	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Buffered Reporting Unbuffered Reporting	IEC 61850-8-1
7309	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Buffered Reporting Unbuffered Reporting	IEC61850-7-2
7310	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 60255-27
7311	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 60898-1
7312	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 60947-1



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7313	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 60947-2
7314	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 60947-3
7315	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 60947-4-1
7316	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 60947-5-1
7317	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 60947-6-1
7318	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 60947-7-1
7319	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 60947-7-2
7320	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 61008-1
7321	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 61009-1
7322	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 61439-1
7323	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 61439-2
7324	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 61439-3
7325	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 61439-4
7326	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 61439-6



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7327	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 61810-2
7328	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS 12640 (Part 1)
7329	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS 12640 (Part 2)
7330	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS 13032
7331	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS 2675
7332	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS 4007 (Part 1)
7333	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS 8623 (Part 1)
7334	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS 8623 (Part 3)
7335	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS/IEC 60898-1
7336	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS/IEC 60898-2
7337	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS/IEC 60947-1
7338	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS/IEC 60947-2
7339	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS/IEC 60947-3
7340	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS/IEC 61439-1



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7341	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS/IEC 61439-2
7342	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Continuous capacity	IEC 60255-1
7343	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Continuous capacity	IEC 60255-12
7344	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Continuous capacity	IEC 60255-16
7345	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Continuous capacity	IEC 60255-187-1
7346	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Continuous capacity	IEC 60255-27
7347	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Continuous capacity	IS 3231 (Part 2/sec 1 to 2)
7348	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Control Model	IEC 61850-10
7349	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Control Model	IEC 61850-8-1
7350	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Control Model	IEC61850-7-2
7351	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Control Model	IEC61850-7-4
7352	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Conventional cable overload protection	IEC 60269-1
7353	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Conventional cable overload protection	IEC 60269-2
7354	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Conventional cable overload protection	IS 13703 (Part 1 & 2)



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7355	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Conventional fusing & non-fusing current	IEC 60269-1
7356	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Conventional fusing & non-fusing current	IEC 60269-2
7357	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Conventional fusing & non-fusing current	IS 13703 (Part 1 & 2)
7358	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Data Sets Dataset definition	IEC 61850-10
7359	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Data Sets Dataset definition	IEC 61850-7-2
7360	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Data Sets Dataset definition	IEC 61850-8-1
7361	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Data Sets Dataset definition	IEC61850-7-2
7362	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	DC Components	IEC 61008-1
7363	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	DC Components	IEC 61009-1
7364	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	DC Components	IS 12640 (Part 1)
7365	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	DC Components	IS 12640 (Part 2)
7366	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Determination of test device ampere turns	IEC 61008-1
7367	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Determination of test device ampere turns	IEC 61009-1
7368	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Determination of test device ampere turns	IS 12640 (Part 1)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

**Validity** 31/03/2022 to 30/03/2024

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7369	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Determination of test device ampere turns	IS 12640 (Part 2)
7370	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60255-1
7371	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60255-12
7372	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60255-16
7373	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60255-187-1
7374	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60255-27
7375	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60269-1
7376	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60269-2
7377	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60947-1
7378	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60947-2
7379	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60947-4-1



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7380	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 61810-1
7381	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 61810-2
7382	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 62271-1
7383	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 62271-106
7384	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 62271-200
7385	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 62271-200
7386	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 62271-203
7387	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 12640 (Part 1)
7388	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 12640 (Part 2)
7389	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 13703 (Part 1 & 2)
7390	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 3231 (Part 2/sec 1 to 2)



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7391	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 3231 (Part 3/sec 1 to 5)
7392	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS/IEC 60947-1
7393	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS/IEC 60947-2
7394	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS/IEC 60947-3
7395	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS/IEC 60947-4-1
7396	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS/IEC 60947-5-1
7397	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS/IEC 62271-1
7398	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60214-1
7399	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60898-1
7400	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60947-2
7401	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60947-5-1



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7402	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60947-6-1
7403	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60947-7-1
7404	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60947-7-2
7405	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 61008-1
7406	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 61009-1
7407	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 61439-1
7408	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 61439-2
7409	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 61439-3
7410	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 61439-4
7411	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 61439-6
7412	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 62271-111



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7413	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 62271-200
7414	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 10027
7415	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 12640 (Part 1)
7416	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 12640 (Part 2)
7417	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 2086
7418	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 2675
7419	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 3427
7420	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 5039
7421	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 8468
7422	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 8623 (Part 1)
7423	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 8623 (Part 2)



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7424	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 8623 (Part 3)
7425	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS/IEC 60898-1
7426	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS/IEC 60898-2
7427	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS/IEC 61439-1
7428	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS/IEC 61439-2
7429	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Documentation and version control test procedure Overview, Application association model,Server Logical device, Logical node and data model Overview	IEC 61850-4
7430	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Documentation and version control test procedure Overview, Application association model,Server Logical device, Logical node and data model Overview	IEC 61850-6
7431	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Documentation and version control test procedure Overview, Application association model,Server Logical device, Logical node and data model Overview	IEC 61850-4
7432	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Documentation and version control test procedure Overview, Application association model,Server Logical device, Logical node and data model Overview	IEC 61850-6



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7433	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Documentation and version control test procedure Overview, Application association model, Server Logical device, Logical node and data model Overview	IEC 61850-10
7434	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60068 - 2 - 1
7435	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60068 - 2 - 2
7436	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60068 - 2 - 30
7437	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60255-1
7438	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60255-27
7439	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60269-1
7440	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60898-1
7441	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60947-1
7442	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60947-5-1
7443	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 62271-1
7444	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 62271-106
7445	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 62271-200



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7446	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS 9000 (Part 1)
7447	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS 9000 (Part 2/Sec 1 to 4)
7448	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS 9000 (Part 3/Sec 1 to 5)
7449	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS/IEC 60898-1
7450	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS/IEC 60898-2
7451	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS/IEC 60947-5-1
7452	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS/IEC 62271-1
7453	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60068 - 2 - 14
7454	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60068 - 2 - 78
7455	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60269-2
7456	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60898-1
7457	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60947-1
7458	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 61009-1
7459	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 62271-200



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7460	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 62271-203
7461	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS 9000 (Part 4)
7462	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS 13703 (Part 1 & 2)
7463	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS 3231 (Part 1 to 3)
7464	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS/IEC 60947-1
7465	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS/IEC 60947-2
7466	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS/IEC 60947-4-1
7467	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60947-4-1
7468	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical ageing test	NFC 33-004
7469	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical ageing test	NFC 33-020
7470	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 60947-1
7471	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 60947-4-1
7472	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IS 12640 (Part 1)
7473	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IS 3231 (Part 2/sec 1 to 2)



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7474	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IS 3231 (Part 3/sec 1 to 5)
7475	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IS/IEC 60947-1
7476	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IS/IEC 60947-3
7477	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IS/IEC 60947-4-1
7478	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 61810-2
7479	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	File Transfer	IEC 61850-10
7480	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	File Transfer	IEC 61850-8-1
7481	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	File Transfer	IEC61850-7-2
7482	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Freedom from season cracking	IEC 60269-1
7483	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Freedom from season cracking	IEC 60269-2
7484	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Freedom from season cracking	IS 13703 (Part 1 & 2)
7485	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 60269-2
7486	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 62271-1
7487	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 62271-106



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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7488	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IS 13703 (Part 1 & 2)
7489	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IS/IEC 62271-1
7490	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 60255-1
7491	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 60255-27
7492	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 60898-1
7493	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 61008-1
7494	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 61009-1
7495	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 61439-1
7496	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 61439-2
7497	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 61439-3
7498	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 61439-6
7499	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 62271-200
7500	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 68 - 2 - 78
7501	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 68 - 2 -30



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7502	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IS 12640 (Part 1)
7503	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IS 12640 (Part 2)
7504	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IS 4007 (Part 1)
7505	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IS 9000 (Part 5/Sec 1 to 2)
7506	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IS/IEC 60898-1
7507	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IS/IEC 60898-2
7508	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IS/IEC 61439-1
7509	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IS/IEC 61439-2
7510	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IEC 60068-2-75
7511	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IEC 61330
7512	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IEC 61439-1
7513	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IEC 61439-2
7514	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IEC 61439-3
7515	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IEC 62208



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7516	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IEC 62262
7517	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IEC 62271-1
7518	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IEC 62271-106
7519	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IEC 62271-111
7520	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IEC 62271-200
7521	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IEC 62271-202
7522	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IEC 62271-203
7523	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IS/IEC 61439-1
7524	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IS/IEC 61439-2
7525	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impact test	IS/IEC 62271-1
7526	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60255-1
7527	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60255-12
7528	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60255-16
7529	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60255-187-1



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7530	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60255-27
7531	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60269-1
7532	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60269-2
7533	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60898-1
7534	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60947-1
7535	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60947-2
7536	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60947-3
7537	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60947-3
7538	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60947-4-1
7539	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60947-5-1
7540	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60947-6-1
7541	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60947-7-1
7542	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 60947-7-2
7543	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 61008-1



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7544	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 61009-1
7545	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 61439-1
7546	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 61439-2
7547	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 61439-2
7548	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 61439-3
7549	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 61439-4
7550	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 61439-6
7551	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 61810-1
7552	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IEC 61810-2
7553	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS 10027
7554	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS 12083-2
7555	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS 12640 (Part 1)
7556	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS 12640 (Part 2)
7557	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS 13032



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7558	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS 13703 (Part 1 & 2)
7559	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS 3231 (Part 1/sec 1 to 3)
7560	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS 3231 (Part 2/sec 1 to 2)
7561	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS 3231 (Part 3/sec 1 to 5)
7562	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS 3427
7563	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS 4007 (Part 1)
7564	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS 8468
7565	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS/IEC 60898-1
7566	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS/IEC 60898-2
7567	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS/IEC 60947-1
7568	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS/IEC 60947-2
7569	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS/IEC 60947-3
7570	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS/IEC 60947-4-1
7571	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS/IEC 60947-5-1



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7572	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS/IEC 61439-1
7573	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Impulse test	IS/IEC 61439-2
7574	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 60214-1
7575	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 60255-1
7576	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 60255-27
7577	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 60269-1
7578	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 60269-2
7579	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 60529
7580	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 60898-1
7581	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 60947-1
7582	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 60947-2
7583	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 60947-3
7584	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 60947-4-1
7585	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 60947-5-1



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7586	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 61008-1
7587	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 61009-1
7588	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 61439-1
7589	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 61439-2
7590	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 61439-3
7591	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 61439-4
7592	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 61439-6
7593	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 62271-1
7594	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 62271-106
7595	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 62271-111
7596	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 62271-200
7597	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 62271-202
7598	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 62271-203
7599	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 62271-206



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7600	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 10027
7601	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 12640 (Part 1)
7602	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 12640 (Part 2)
7603	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 13032
7604	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 13703 (Part 1 & 2)
7605	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 14772
7606	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 2675
7607	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 3231 (Part 1)
7608	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 3231 (Part 2)
7609	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 3231 (Part 3)
7610	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 3427
7611	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 4007 (Part 1)
7612	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 5039
7613	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 8468



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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7614	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 8623 (Part 1)
7615	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 8623 (Part 2)
7616	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 8623 (Part 3)
7617	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 60529
7618	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 60898-1
7619	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 60898-2
7620	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 60947-1
7621	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 60947-2
7622	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 60947-4-1
7623	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 60947-5-1
7624	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 61439-1
7625	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 61439-2
7626	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 62271-1
7627	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IEC 60255-1



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7628	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IEC 60255-12
7629	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IEC 60255-16
7630	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IEC 60255-27
7631	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IEC 60269-1
7632	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IEC 60269-2
7633	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IEC 60898-1
7634	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IEC 61008-1
7635	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IEC 61009-1
7636	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IEC 61810-1
7637	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IS 12083 (Part 2)
7638	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IS 12640 (Part 1)
7639	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IS 12640 (Part 1)
7640	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IS 12640 (Part 2)
7641	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IS 13703 (Part 1 & 2)



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7642	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IS 2086
7643	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IS 3231 (Part 1/sec 1 to 3)
7644	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IS 3231 (Part 3/sec 1 to 5)
7645	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IS 4007 (Part 1)
7646	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IS 8623 (Part 1)
7647	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IS 8623 (Part 2)
7648	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IS 8623 (Part 3)
7649	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IS/IEC 60898-1
7650	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IS/IEC 60898-2
7651	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Leakage current test	IEC 60898-1
7652	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Leakage current test	IEC 60947-1
7653	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Leakage current test	IEC 60947-4-1
7654	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Leakage current test	IEC 61008-1
7655	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Leakage current test	IEC 61009-1



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7656	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Leakage current test	IS 12640 (Part 1)
7657	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Leakage current test	IS 12640 (Part 2)
7658	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Leakage current test	IS/IEC 60898-1
7659	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Leakage current test	IS/IEC 60898-2
7660	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Leakage current test	IS/IEC 60947-1
7661	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Leakage current test	IS/IEC 60947-4-1
7662	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Lifting	IEC 61439-1
7663	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Lifting	IEC 61439-2
7664	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Lifting	IEC 61439-3
7665	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Lifting	IEC 61439-4
7666	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Lifting	IS/IEC 61439-1
7667	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Lifting	IS/IEC 61439-2
7668	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60255-1
7669	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60255-12



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7670	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60255-16
7671	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60255-187-1
7672	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60255-27
7673	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60269-1
7674	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60269-2
7675	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60898-1
7676	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60947-1
7677	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60947-2
7678	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60947-3
7679	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60947-4-1
7680	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60947-5-1
7681	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60947-6-1
7682	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60947-7-1
7683	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 60947-7-2



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7684	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 61008-1
7685	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 61009-1
7686	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 61439-1
7687	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 61439-2
7688	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 61439-3
7689	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 61439-4
7690	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 61439-6
7691	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 61810-1
7692	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 61810-2
7693	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 62271-1
7694	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 62271-106
7695	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 62271-111
7696	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 62271-200
7697	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 62271-203



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7698	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS 10027
7699	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS 12083 (Part 1)
7700	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS 12640 (Part 1)
7701	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS 12640 (Part 2)
7702	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS 13703 (Part 1 & 2)
7703	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS 2675
7704	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS 3231 (Part 1/sec 1 to 3)
7705	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS 3231 (Part 2/sec 1 to 2)
7706	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS 3231 (Part 3/sec 1 to 5)
7707	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS 4007 (Part 1)
7708	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS 5561
7709	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS 8623 (Part 1)
7710	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS 8623 (Part 2)
7711	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS 8623 (Part 3)



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7712	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS/IEC 60898-1
7713	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS/IEC 60898-2
7714	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS/IEC 60947-1
7715	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS/IEC 60947-2
7716	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS/IEC 60947-3
7717	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS/IEC 60947-4-1
7718	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS/IEC 60947-5-1
7719	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS/IEC 61439-1
7720	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS/IEC 61439-2
7721	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS/IEC 62271-1
7722	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 60255-1
7723	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 60255-12
7724	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 60255-16
7725	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 60255-187-1



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7726	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 60255-23
7727	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 60898-1
7728	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 60947-1
7729	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 60947-2
7730	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 60947-3
7731	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 60947-4-1
7732	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 60947-5-1
7733	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 60947-6-1
7734	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 61008-1
7735	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 61009-1
7736	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 61439-1
7737	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 61439-2
7738	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 61439-3
7739	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 61439-4



# National Accreditation Board for Testing and Calibration Laboratories

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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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7740	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 61439-6
7741	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 61810-1
7742	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 61810-2
7743	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 62271-1
7744	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 62271-106
7745	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 62271-111
7746	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 62271-200
7747	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 62271-203
7748	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS 10027
7749	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS 12640 (Part 1)
7750	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS 12640 (Part 2)
7751	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS 2086
7752	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS 3231 (Part 2/sec 1 to 2)
7753	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS 3231 (Part 3/sec 1 to 5)



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7754	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS 3427
7755	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS 8468
7756	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS 8623 (Part 1)
7757	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS 8623 (Part 2)
7758	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS 8623 (Part 3)
7759	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS/IEC 60898-1
7760	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS/IEC 60898-2
7761	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS/IEC 60947-2
7762	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS/IEC 60947-3
7763	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS/IEC 60947-4-1
7764	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS/IEC 61439-1
7765	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS/IEC 61439-2
7766	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS/IEC 62271-1
7767	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical strength of fuse link	IEC 60269-1



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7768	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical strength of fuse link	IEC 60269-2
7769	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical strength of fuse link	IS 13703 (Part 1 & 2)
7770	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IS/IEC 60947-4-1
7771	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IEC 60269-1
7772	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IEC 60269-2
7773	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IEC 60898-1
7774	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IEC 60947-1
7775	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IEC 60947-4-1
7776	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IEC 60947-5-1
7777	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IEC 61008-1
7778	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IEC 61009-1
7779	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IEC 61439-4
7780	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IS 12640 (Part 1)
7781	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IS 12640 (Part 2)



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7782	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IS 13703 (Part 1 & 2)
7783	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IS 4007 (Part 1)
7784	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IS 8623 (Part 3)
7785	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IS/IEC 60898-1
7786	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IS/IEC 60898-2
7787	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IS/IEC 60947-1
7788	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength of terminal / Torque test	IS/IEC 60947-5-1
7789	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength test	IEC 60269-1
7790	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength test	IEC 60269-2
7791	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength test	IS 13703 (Part 1 & 2)
7792	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength test	IS 2086
7793	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical Strength test	IS 8187
7794	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Mechanical tests	IEC 60214-1
7795	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Non Deterioration of contacts or insulating parts of fuse link or base	IEC 60269-1



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7796	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Non Deterioration of contacts or insulating parts of fuse link or base	IEC 60269-2
7797	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Non Deterioration of contacts or insulating parts of fuse link or base	IS 13703 (Part 1 & 2)
7798	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Non interchangeability	IEC 60898-1
7799	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Non interchangeability	IEC 61009-1
7800	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Non interchangeability	IS 12640 (Part 2)
7801	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Non interchangeability	IS/IEC 60898-1
7802	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Operating value and time Reset value and time	IS 3231 (Part 2/sec 1 to 2)
7803	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Operating value and time Reset value and time test	IEC 60255-12
7804	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Operating value and time Reset value and time test	IEC 60255-121
7805	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Operating value and time Reset value and time test	IEC 60255-187-1
7806	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Operating value and time Reset value and time test	IS 3231 (Part 3/sec 1 to 5)
7807	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Over load test	IEC 60269-1
7808	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Over load test	IEC 60269-2
7809	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Over load test	IS 13703 (Part 1 & 2)



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7810	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Over run test	IEC 60214-1
7811	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Overload Performance	IS/IEC 60947-2
7812	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Overload Performance	IEC 60947-2
7813	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Overload Performance	IS/IEC 60947-2
7814	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Performance under conditional short circuit current	IEC 60947-5-1
7815	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Performance under conditional short circuit current	IS/IEC 60947-5-1
7816	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Power loss dissipation & acceptance	IEC 60269-1
7817	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Power loss dissipation & acceptance	IEC 60269-2
7818	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Power loss dissipation & acceptance	IEC 60898-1
7819	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Power loss dissipation & acceptance	IEC 60947-7-1
7820	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Power loss dissipation & acceptance	IEC 60947-7-2
7821	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Power loss dissipation & acceptance	IS 13703 (Part 1 & 2)
7822	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Power loss dissipation & acceptance	IS/IEC 60898-1
7823	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Power loss dissipation & acceptance	IS/IEC 60898-2



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7824	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Pressure withstand test for gas-filled compartments	IEC 62271-200
7825	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Protection against electric shock	IEC 60269-1
7826	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Protection against electric shock	IEC 60269-2
7827	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Protection against electric shock	IEC 60898-1
7828	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Protection against electric shock	IEC 61008-1
7829	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Protection against electric shock	IEC 61009-1
7830	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Protection against electric shock	IS 12640 (Part 1)
7831	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Protection against electric shock	IS 12640 (Part 2)
7832	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Protection against electric shock	IS/IEC 60898-1
7833	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Protection against electric shock	IS/IEC 60898-2
7834	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated burden	IEC 60255-1
7835	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated burden	IEC 60255-12
7836	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated burden	IEC 60255-16
7837	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated burden	IEC 60255-187-1



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7838	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated burden	IS 3231 (Part 2/sec 1 to 2)
7839	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated burden	IS 3231 (Part 3/sec 1 to 5)
7840	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated current test	IEC 60269-2
7841	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated current test	IEC 60269-1
7842	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated current test	IS 13703 (Part 1 & 2)
7843	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 60947-4-1
7844	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IS/IEC 60947-4-1
7845	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 60255-16
7846	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 61810-1
7847	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IS 12083 (Part 1)
7848	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of screws, current carrying parts and connection	IEC 60898-1
7849	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of screws, current carrying parts and connection	IEC 61008-1
7850	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of screws, current carrying parts and connection	IEC 61009-1
7851	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of screws, current carrying parts and connection	IS 12640 (Part 1)



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7852	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of screws, current carrying parts and connection	IS 12640 (Part 2)
7853	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of screws, current carrying parts and connection	IS 8187
7854	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of screws, current carrying parts and connection	IS/IEC 60898-1
7855	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of screws, current carrying parts and connection	IS/IEC 60898-2
7856	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of terminal for external connection	IEC 60898-1
7857	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of terminal for external connection	IEC 61008-1
7858	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of terminal for external connection	IEC 61009-1
7859	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of terminal for external connection	IS 12640 (Part 1)
7860	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of terminal for external connection	IS 12640 (Part 2)
7861	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of terminal for external connection	IS 8187
7862	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of terminal for external connection	IS/IEC 60898-1
7863	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Reliability of terminal for external connection	IS/IEC 60898-2
7864	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Residual operating characteristics	IEC 61008-1
7865	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Residual operating characteristics	IEC 61009-1



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA		
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7866	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Residual operating characteristics	IS 12640 (Part 1)
7867	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Residual operating characteristics	IS 12640 (Part 2)
7868	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IEC 60269-1
7869	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IEC 60269-2
7870	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IEC 60695-2-10
7871	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IEC 60695-2-11
7872	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IEC 60898-1
7873	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IEC 60947-6-1
7874	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IEC 61008-1
7875	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IEC 61009-1
7876	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IEC 61439-1
7877	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IEC 61439-2
7878	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IEC 61439-3
7879	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IEC 61439-6



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7880	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IEC 61810-1
7881	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IEC 61810-2
7882	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IS 12640 (Part 1)
7883	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IS 12640 (Part 2)
7884	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IS 13703 (Part 1 & 2)
7885	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IS 8623 (Part 3)
7886	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IS/IEC 60898-1
7887	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IS/IEC 60898-2
7888	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IS/IEC 61439-1
7889	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to abnormal heat and fire	IS/IEC 61439-2
7890	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to rusting	IEC 60269-1
7891	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to rusting	IEC 60269-2
7892	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to rusting	IEC 60898-1
7893	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to rusting	IEC 61008-1



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7894	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to rusting	IEC 61009-1
7895	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to rusting	IS 12640 (Part 1)
7896	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to rusting	IS 12640 (Part 2)
7897	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to rusting	IS 13703 (Part 1 & 2)
7898	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to rusting	IS 8187
7899	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to rusting	IS/IEC 60898-1
7900	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to rusting	IS/IEC 60898-2
7901	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Shock & impact test	IEC 60898-1
7902	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Shock & impact test	IEC 61008-1
7903	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Shock & impact test	IEC 61009-1
7904	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Shock & impact test	IS 12640 (Part 1)
7905	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Shock & impact test	IS 12640 (Part 2)
7906	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Shock & impact test	IS/IEC 60898-1
7907	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Shock & impact test	IS/IEC 60898-2



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7908	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 60947-2
7909	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 60947-4-1
7910	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 61810-2
7911	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IS 10027
7912	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IS 12640 (Part 1)
7913	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IS 2675
7914	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IS 3427
7915	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 60255-1
7916	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 60255-27
7917	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 60947-1
7918	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 60947-2
7919	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 60947-3
7920	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 60947-5-1
7921	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 60947-6-1



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7922	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 60947-7-1
7923	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 60947-7-2
7924	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 61008-1
7925	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 61009-1
7926	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IEC 61810-1
7927	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IS 10027
7928	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IS 12640 (Part 1)
7929	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IS 12640 (Part 2)
7930	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IS/IEC 60947-1
7931	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IS/IEC 60947-2
7932	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IS/IEC 60947-3
7933	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IS/IEC 60947-4-1
7934	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Short Time Withstand test / Non-operating current under over current conditions	IS/IEC 60947-5-1
7935	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature rise and over current test	NFC 33-004



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7936	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature rise and over current test	NFC 33-020
7937	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60947-4-1
7938	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60137
7939	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60214-1
7940	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60255-1
7941	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60255-12
7942	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60255-13
7943	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60255-16
7944	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60255-27
7945	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60269-1
7946	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60269-2
7947	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60898-1
7948	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60947-1
7949	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60947-2



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7950	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60947-2
7951	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60947-3
7952	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60947-5-1
7953	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60947-6-1
7954	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60947-7-1
7955	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 60947-7-2
7956	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 61008-1
7957	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 61009-1
7958	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 61439-1
7959	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 61439-2
7960	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 61439-3
7961	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 61439-4
7962	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 61439-6
7963	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 62271-1



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7964	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 62271-1
7965	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 62271-100
7966	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 62271-102
7967	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 62271-103
7968	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 62271-106
7969	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 62271-106
7970	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 62271-111
7971	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 62271-200
7972	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 62271-200
7973	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IEC 62271-203
7974	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 10027
7975	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 12640 (Part 1)
7976	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 12640 (Part 2)
7977	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 13032



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7978	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 13703 (Part 1 & 2)
7979	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 2086
7980	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 2099
7981	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 2675
7982	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 3231 (Part 2/sec 1 to 2)
7983	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 3231 (Part 3/sec 1 to 5)
7984	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 3427
7985	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 4007 (Part 1)
7986	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 5039
7987	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 5561
7988	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 8084
7989	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 8468
7990	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 8623 (Part 3)
7991	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 9385 (Part 1)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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7992	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 9385 (Part 2)
7993	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 9920 (Part 1)
7994	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 9920 (Part 2)
7995	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 9921 (Part 4)
7996	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS/IEC 60898-1
7997	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS/IEC 60898-2
7998	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS/IEC 60947-1
7999	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS/IEC 60947-2
8000	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS/IEC 60947-2
8001	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS/IEC 60947-3
8002	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS/IEC 60947-4-1
8003	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS/IEC 60947-5-1
8004	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS/IEC 61439-1
8005	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS/IEC 61439-2



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8006	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS/IEC 62271-1
8007	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS/IEC 62271-100
8008	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS/IEC 62271-102
8009	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS/IEC 62271-103
8010	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Test device	IEC 61008-1
8011	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Test device	IEC 61009-1
8012	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Test device	IS 12640 (Part 1)
8013	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Test device	IS 12640 (Part 2)
8014	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Test device	IS 12640 (Part 2)
8015	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Thermal requirements	IEC 60255-16
8016	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Thermal requirements	IS 3231 (Part 3/sec 1 to 5)
8017	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Thermal requirements	IEC 60255-1
8018	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Thermal requirements	IEC 60255-1
8019	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Thermal requirements	IEC 60255-12



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8020	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Thermal requirements	IEC 60255-12
8021	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Thermal requirements	IEC 60255-187-1
8022	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Thermal requirements	IEC 60255-187-1
8023	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Thermal requirements	IEC 60255-27
8024	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Thermal requirements	IS 3231 (Part 2/sec 1 to 2)
8025	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Thermal requirements	IS 3231 (Part 2/sec 1 to 2)
8026	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Thermal requirements	IS 3231 (Part 3/sec 1 to 5)
8027	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60255-1
8028	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60255-121



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8029	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60255-127
8030	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60255-149
8031	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60255-151
8032	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60255-16
8033	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60255-187-1



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8034	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60255-3
8035	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60255-8
8036	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60269-2
8037	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60898-1
8038	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60947-1



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8039	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60947-2
8040	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60947-4-1
8041	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60947-6-1
8042	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 61008-1
8043	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 61009-1



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8044	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IS 12640 (Part 1)
8045	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IS 12640 (Part 2)
8046	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IS 13703 (Part 1 & 2)
8047	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IS 3231 (Part 2/sec 1 to 2)
8048	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IS 3231 (Part 3/sec 1 to 5)



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8049	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IS/IEC 60898-1
8050	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IS/IEC 60898-2
8051	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IS/IEC 60947-2
8052	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IS/IEC 60947-4-1
8053	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IS/IEC 60947-5-1
8054	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time synchronization	IEC 61850-10
8055	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time synchronization	IEC 61850-7-2



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8056	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time synchronization	IEC 61850-8-1
8057	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of ageing of electronic components	IEC 61008-1
8058	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of ageing of electronic components	IEC 61009-1
8059	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of ageing of electronic components	IS 12640 (Part 1)
8060	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of ageing of electronic components	IS 12640 (Part 2)
8061	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of crushing resistance	IEC 61439-6
8062	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of crushing resistance	IS 8623 (Part 2)
8063	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of main contact position / Verification of actuating force / Strength of actuator mechanism	IEC 60947-3
8064	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of main contact position / Verification of actuating force / Strength of actuator mechanism	IEC 60947-4-1
8065	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of main contact position / Verification of actuating force / Strength of actuator mechanism	IS/IEC 60947-3
8066	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of main contact position / Verification of actuating force / Strength of actuator mechanism	IS/IEC 60947-4-1
8067	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of main contact position / Verification of actuating force / Strength of actuator mechanism	IEC 60947-1



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8068	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of main contact position / Verification of actuating force / Strength of actuator mechanism	IEC 60947-2
8069	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of main contact position / Verification of actuating force / Strength of actuator mechanism	IEC 60947-5-1
8070	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of main contact position / Verification of actuating force / Strength of actuator mechanism	IS/IEC 60947-1
8071	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of main contact position / Verification of actuating force / Strength of actuator mechanism	IS/IEC 60947-2
8072	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of main contact position / Verification of actuating force / Strength of actuator mechanism	IS/IEC 60947-5-1
8073	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of structural strength	IEC 61439-6
8074	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of structural strength	IS 8623 (Part 2)
8075	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of the electrical characteristics of the busbar trunking system	IEC 61439-6
8076	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of the electrical characteristics of the busbar trunking system	IS 8623 (Part 2)
8077	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of thermal characteristic	IEC 60947-7-1
8078	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Verification of thermal characteristic	IEC 60947-7-2
8079	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 60255-1



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8080	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 62271-1
8081	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 62271-106
8082	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 62271-200
8083	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS/IEC 62271-1
8084	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 62271-106
8085	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 62271-111
8086	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 62271-200
8087	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 62271-203
8088	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 60269-2
8089	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 60898-1
8090	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 60947-7-1



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8091	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 61439-1
8092	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 61439-2
8093	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 61439-6
8094	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS 13118
8095	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS 13703 (Part 1 & 2)
8096	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS 5561
8097	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS 8623 (Part 2)
8098	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS 8623 (Part 3)
8099	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS/IEC 60898-1
8100	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS/IEC 61439-1
8101	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS/IEC 61439-2



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8102	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 60898-1
8103	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 60947-7-2
8104	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 61439-1
8105	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 61439-3
8106	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 61439-4
8107	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS 3427
8108	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS 8623 (Part 1)
8109	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS/IEC 60898-2
8110	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Water absorption test	IS 2086
8111	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Withdrawal pull test	IS 2086
8112	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Generic object oriented substation event (GOOSE)	IEC 61850-8-1 Cl. No. 18.1



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8113	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Generic substation event class model (GSE)	IEC 61850-7-2 Cl. No. 18.0
8114	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Generic substation event class model (GSE)	IEC 61850-7-2, Cl. 18.0
8115	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Goose Performance test	IEC 61850-10, Cl. 8.2.3
8116	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to heat	IEC 60269-1
8117	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to heat	IEC 60269-2
8118	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to heat	IEC 60898-1
8119	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to heat	IEC 61008-1
8120	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to heat	IEC 61009-1
8121	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to heat	IEC 61810-2
8122	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to heat	IS 12640 (Part 1)
8123	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to heat	IS 12640 (Part 2)
8124	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to heat	IS 13703 (Part 1 & 2)
8125	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to heat	IS/IEC 60898-1
8126	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Resistance to heat	IS/IEC 60898-2



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8127	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	28 day test/ Reliability at 40 °C/Verification of thermal stability	IS 12640 (Part 1)
8128	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Buffered Reporting Unbuffered Reporting	IEC 61850-10
8129	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IEC 61810-1
8130	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Clearance & Creepage distances	IS/IEC 60947-4-1
8131	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Continuous capacity	IS 12083 (Part 1)
8132	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 60947-3
8133	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS 12083-2
8134	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 60947-2
8135	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 61008-1
8136	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS 12640 (Part 1)
8137	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS 12640 (Part 2)
8138	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS/IEC 60947-2
8139	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS/IEC 60898-1



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8140	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 60255-1
8141	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 60255-12
8142	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 60255-16
8143	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 60255-187-1
8144	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 60255-27
8145	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 60898-1
8146	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 60947-1
8147	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 60947-2
8148	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 60947-3
8149	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 60947-5-1
8150	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 60947-6-1
8151	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 61008-1
8152	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 61009-1
8153	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IS 10027



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8154	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IS 12083 (Part 1)
8155	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IS 12640 (Part 1)
8156	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IS 12640 (Part 2)
8157	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IS/IEC 60898-1
8158	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IS/IEC 60898-1
8159	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IS/IEC 60898-2
8160	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IEC 61810-1
8161	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Electrical Durability / Endurance /Conventional operational performance	IS/IEC 60947-2
8162	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 60269-1
8163	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IS 9000 (Part 1)
8164	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 60947-3
8165	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 60947-3
8166	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Insulation Resistance test	IEC 60255-187-1
8167	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Leakage current test	IEC 60947-1



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8168	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Operating value and time Reset value and time test	IEC 60255-1
8169	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Operating value and time Reset value and time test	IEC 60255-16
8170	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Operating value and time Reset value and time test	IEC 60255-3
8171	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Operating value and time Reset value and time test	IEC 60255-8
8172	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Overload Performance	IEC 60947-2
8173	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 60255-1
8174	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 60255-12
8175	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 60255-187-1
8176	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 60255-23
8177	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 60255-27
8178	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 60947-1
8179	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 60947-1
8180	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 60947-3
8181	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 60947-3



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8182	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 60947-5-1
8183	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 60947-6-1
8184	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IS 10027
8185	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IS 3231 (Part 3/sec 1 to 5)
8186	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IS/IEC 60947-1
8187	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IS/IEC 60947-3
8188	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IEC 61810-2
8189	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Rated Making & Breaking Capacities under normal or abnormal conditions	IS 3231 (Part 2/sec 1 to 2)
8190	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 8623 (Part 1)
8191	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Temperature-rise limits	IS 8623 (Part 2)
8192	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60255-12



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8193	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60269-1
8194	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IEC 60947-5-1
8195	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IS/IEC 60947-1
8196	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Time synchronization	IEC 61850-7-2
8197	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 60269-1
8198	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Protective Equipment	Lifting	IEC 61439-6
8199	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchgear & Protective Equipment	Pressure withstand test for gas-filled compartments	IEC 62271-200
8200	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Telecommunication equipment	Test No. 08-Water immersion test	As specified in QM-333
8201	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	v	Mechanical Durability/ Endurance	IS/IEC 60947-1



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8202	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain insulators for overhead power lines with a nominal voltage up to and including 1000 V	Visual examination	IS: 1445
8203	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain insulators for overhead power lines with a nominal voltage up to and including 1000 V	Porosity test	IS: 1445
8204	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain insulators for overhead power lines with a nominal voltage up to and including 1000 V	Temperature cycle test	IS: 1445
8205	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Dry Power Frequency Voltage Test	IEC 60265-1 (withdrawn)
8206	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Dry Power Frequency Voltage Test	IEC 62271-103
8207	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Dry Power Frequency Voltage Test	IS 9920-1 (withdrawn)
8208	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Dry Power Frequency Voltage Test	IS 9920-4 (withdrawn)
8209	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Dry Power Frequency Voltage Test	IS/IEC 62271-103
8210	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Lightning Impulse Voltage Test	IEC 60265-1 (withdrawn)
8211	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Lightning Impulse Voltage Test	IS 9920-1 (withdrawn)
8212	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Lightning Impulse Voltage Test	IS 9920-4 (withdrawn)



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**Accreditation Standard** ISO/IEC 17025:2017

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8213	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Lightning Impulse Voltage Test	IS/IEC 62271-103
8214	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Lightning Impulse Voltage Test	IEC 62271-103
8215	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Wet Power Frequency Voltage Test	IEC 60265-1 (withdrawn)
8216	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Wet Power Frequency Voltage Test	IEC 62271-103
8217	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Wet Power Frequency Voltage Test	IS 9920-1 (withdrawn)
8218	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Wet Power Frequency Voltage Test	IS 9920-4 (withdrawn)
8219	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Air Break Switch	Wet Power Frequency Voltage Test	IS/IEC 62271-103
8220	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Dry Power Frequency Voltage Test	IEC 62271-1
8221	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Dry Power Frequency Voltage Test	IEC 62271-100
8222	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Dry Power Frequency Voltage Test	IEC 62271-106
8223	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Dry Power Frequency Voltage Test	IEC 62271-203



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8224	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Dry Power Frequency Voltage Test	IS/IEC 62271-100
8225	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	EMC/RIV	IS/IEC 62271-100
8226	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Lightning Impulse Voltage Test	IEC 62271-1
8227	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Lightning Impulse Voltage Test	IEC 62271-100
8228	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Lightning Impulse Voltage Test	IEC 62271-106
8229	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Lightning Impulse Voltage Test	IEC 62271-203
8230	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Lightning Impulse Voltage Test	IS/IEC 62271-100
8231	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Radio Interference Voltage	IEC 62271-1
8232	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Radio Interference Voltage	IEC 62271-100
8233	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Radio Interference Voltage	IEC 62271-203
8234	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Switching Impulse Voltage Test (Dry/Wet)	IEC 62271-1



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8235	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Switching Impulse Voltage Test (Dry/Wet)	IEC 62271-100
8236	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Switching Impulse Voltage Test (Dry/Wet)	IEC 62271-106
8237	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Switching Impulse Voltage Test (Dry/Wet)	IEC 62271-203
8238	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Switching Impulse Voltage Test (Dry/Wet)	IS/IEC 62271-100
8239	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Visible Corona Test	IEC 60060 - 1
8240	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Visible Corona Test	IEC 60060 - 2
8241	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Visible Corona Test	IS 2071-1
8242	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Visible Corona Test	IS 2071-2
8243	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Wet Power Frequency Voltage Test	IEC 62271-1
8244	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Wet Power Frequency Voltage Test	IEC 62271-100
8245	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Wet Power Frequency Voltage Test	IEC 62271-106



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8246	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Wet Power Frequency Voltage Test	IEC 62271-203
8247	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Alternating Current Circuit Breaker	Wet Power Frequency Voltage Test	IS/IEC 62271-100
8248	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductors/ Connectors/ Hardware for overhead Transmission purpose (Sample preparation under customers scope)	Radio Interference Voltage Test	IEC 60060 - 1
8249	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductors/ Connectors/ Hardware for overhead Transmission purpose (Sample preparation under customers scope)	Radio Interference Voltage Test	IEC 61284
8250	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductors/ Connectors/ Hardware for overhead Transmission purpose (Sample preparation under customers scope)	Radio Interference Voltage Test	IS 398 - 5
8251	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductors/ Connectors/ Hardware for overhead Transmission purpose (Sample preparation under customers scope)	Visible Corona Test	IEC 60060 - 1
8252	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductors/ Connectors/ Hardware for overhead Transmission purpose (Sample preparation under customers scope)	Visible Corona Test	IEC 61284
8253	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductors/ Connectors/ Hardware for overhead Transmission purpose (Sample preparation under customers scope)	Visible Corona Test	IS 398 - 5
8254	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	BASIC ENVIRONMENTAL TESTING PROCEDURES FOR ELECTRONIC AND ELECTRICAL ITEMS	Salt Spray (Fog) test (Salt Mist test)	IS: 9000 (Part XI)
8255	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bus Duct	Dry Power Frequency Voltage Withstand Test	IEC 62271 - 200
8256	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bus Duct	Dry Power Frequency Voltage Withstand Test	IS 8084



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8257	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bus Duct	Lightning Impulse Voltage Withstand Test	IEC 62271 - 200
8258	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bus Duct	Lightning Impulse Voltage Withstand Test	IS 8084
8259	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Capacitance (C1 and C2) measurement	IEEE C57.19.00
8260	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Measurement of dielectric dissipation factor (tan d) and capacitance at ambient temperature	IEC 60137
8261	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Wet power-frequency voltage withstand test	IEC 60137
8262	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Chopped Impulse voltage test	IEEE C.57.19.00
8263	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Dry power-frequency voltage withstand test	IEC 60137
8264	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Dry lightning impulse voltage withstand test	IEC 60137
8265	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Dry lightning impulse voltage withstand test	IS 2099 (withdrawn)
8266	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Dry or wet switching impulse voltage withstand test	IEC 60137
8267	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Dry or wet switching impulse voltage withstand test	IS 2099 (withdrawn)



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8268	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Dry Power Frequency voltage test	IEEE C.57.19.00
8269	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Dry power frequency voltage withstand test	IEC 60137
8270	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Dry power frequency voltage withstand test	IS 2099
8271	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Dry power frequency voltage withstand test	IS 2099 (withdrawn)
8272	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Dry Power-Frequency Withstand Voltage	IS 7421
8273	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Electromagnetic Compatibility tests (RIV)	IEC 60137
8274	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Lighting Impulse Voltage Test	IEEE C.57.19.00
8275	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Long duration power frequency voltage withstand test	IEC 60137
8276	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Measurement of dielectric dissipation factor (tan d) and capacitance at ambient temperature	IS 2099
8277	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Measurement of partial discharge quantity	IEC 60137
8278	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Measurement of partial discharge quantity	IS 2099



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8279	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Power factor	IEEE C57.19.00
8280	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Rated frequency dry withstand test with partial discharge measurements	IEEE C57.19.00
8281	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Tap withstand voltage	IEEE C57.19.00
8282	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Tests of tap insulation	IEC 60137
8283	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Tests of tap insulation	IS 2099
8284	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Visible Corona Test	IEC 60060 - 1
8285	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Visible Corona Test	IS 2071-1
8286	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Wet power frequency voltage test	IEEE C.57.19.00
8287	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Wet power frequency voltage withstand test	IS 2099 (withdrawn)
8288	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Wet Power-Frequency Withstand Voltage	IS 7421
8289	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing	Wet Switching Impulse test	IEEE C.57.19.00



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8290	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushing for alternating voltages above 1000 volts	Cantilever load withstand test	IS 2099 (withdrawn)
8291	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings	Measurement of dielectric dissipation factor(tan delta) and capacitance	IEC: 60137
8292	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings	Measurement of dielectric dissipation factor(tan delta) and capacitance	IS 2099
8293	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings	Measurement of partial discharge quantity	IS 2099
8294	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bushings	Partial discharge extinction voltage test	IEC: 60137
8295	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Damage limit proof test and test of tightness of the interface between end fittings & Insulator housing a) Visual examination b) Verification of dimensions c) Mechanical routine test d) Performance of the test	IEC:61109
8296	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Assembled Core - Load Time Test	IEC:61109
8297	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Bend test	ERDA Test procedure No. MTL:01/89
8298	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Brittle fracture test	REC Specification
8299	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Galvanising test	IEC: 62155



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8300	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Sudden load release	IEC 61109
8301	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Sudden load release	IEC 62217
8302	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Thermal-mechanical pre-stress	IEC 61109
8303	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Thermal-mechanical pre-stress	IEC 62217
8304	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Verification of dimensions	IEC 61109
8305	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Verification of locking system	IEC 61109
8306	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Verification of tightness of the interface between end fittings and insulator housing and of specified mechanical load (SML)	IEC:61109
8307	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Visual examination	IEC 61109
8308	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Visual examination	IEC 62217
8309	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Water immersion pre-stressing	IEC 61109



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8310	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Water immersion pre-stressing	IEC 62217
8311	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Pin Type Insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Verification of dimensions	IEC 61109 Cl. 11.2.1 & 12.2
8312	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite Pin Type Insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Visual Examination	IEC 61109 Cl. 11.2.1 & 13.2
8313	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Copper Conductor, Rod, Strips	Chemical Analysis	ASTM B 49 (Cl. 6, Table 1)
8314	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Copper Conductor, Rod, Strips	Chemical Analysis	BS EN 15079
8315	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Core of Composite Insulators	Brittle fracture resistance test	GETCO specification Annex A Cl. No. 2.1
8316	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	FRP Rod samples	Dye penetration test	IEC 61109
8317	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	FRP Rod samples	Dye penetration test	IEC 62217 (WITHDRAWN)
8318	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Gas Insulated metal enclosed switchgears	Power frequency voltage test	IEC 62271 (Part 200)
8319	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Gas Insulated metal enclosed switchgears	Partial discharge measurement	IEC 62271 (Part 200)
8320	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Gas Insulated metal enclosed switchgears	Partial discharge measurement	IEC 62271 (Part 203)



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8321	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Gas Insulated metal enclosed switchgears	Partial discharge measurement	IEC 62271 (Part 200)
8322	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Gas Insulated metal enclosed switchgears	Power frequency voltage test	IEC 62271 (Part 200)
8323	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Gas Insulated metal enclosed switchgears	Power frequency voltage test	IEC 62271 (Part 203)
8324	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.G Fuse & D.O. Fuse	Dry Power Frequency Voltage Test	IS 9385-2
8325	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.G Fuse & D.O. Fuse	Lightning Impulse Voltage Test	IS 9385-2
8326	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	H.G Fuse & D.O. Fuse	Wet Power Frequency Voltage Test	IS 9385-2
8327	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Panel	Dry Power Frequency Voltage Test	IEC 62271-1
8328	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Panel	Dry Power Frequency Voltage Test	IEC 62271-200
8329	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Panel	Lightning Impulse Voltage Test	IEC 62271-1
8330	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Panel	Lightning Impulse Voltage Test	IEC 62271-200
8331	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Panel	Wet Power Frequency Voltage Test	IEC 62271-1



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## SCOPE OF ACCREDITATION

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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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8332	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	High Voltage Panel	Wet Power Frequency Voltage Test	IEC 62271-200
8333	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Hollow pressurized and unpressurized ceramic and glass insulators for use in Electrical equipment with rated voltage greater than 1000 V	Porosity test	IS/IEC 62155
8334	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Hollow pressurized and unpressurized ceramic and glass insulators for use in Electrical equipment with rated voltage greater than 1000 V	Temperature cycle test	IS/IEC 62155
8335	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Hollow pressurized and unpressurized ceramic and glass insulators for use in Electrical equipment with rated voltage greater than 1000 V	Routine visual Inspection	IS/IEC 62155
8336	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Hollow pressurized and unpressurized ceramic and glass insulators for use in Electrical equipment with rated voltage greater than 1000 V	Verification of the dimensions	IS/IEC 62155
8337	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Indoor and Outdoor Post Insulators of Ceramic Material or Glass for Systems with Nominal Voltages Greater than 1 000 V	Galvanising test (Uniformity of Zinc coating)	IS/IEC 60168
8338	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Indoor and Outdoor Post Insulators of Ceramic Material or Glass for Systems with Nominal Voltages Greater than 1 000 V	Mechanical failing load test - Bending	IS/IEC 60168
8339	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Indoor and Outdoor Post Insulators of Ceramic Material or Glass for Systems with Nominal Voltages Greater than 1 000 V	Mechanical failing load test - Compressive	IS/IEC 60168
8340	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Indoor and Outdoor Post Insulators of Ceramic Material or Glass for Systems with Nominal Voltages Greater than 1 000 V	Mechanical failing load test - Torsion	IS/IEC 60168
8341	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Indoor and Outdoor Post Insulators of Ceramic Material or Glass for Systems with Nominal Voltages Greater than 1 000 V	Mechanical failing load test - Tensile	IS/IEC 60168
8342	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Indoor and Outdoor Post Insulators of Ceramic Material or Glass for Systems with Nominal Voltages Greater than 1 000 V	Porosity test	IS/IEC 60168



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8343	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Indoor and Outdoor Post Insulators of Ceramic Material or Glass for Systems with Nominal Voltages Greater than 1 000 V	Routine visual inspection	IS/IEC 60168
8344	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Indoor and Outdoor Post Insulators of Ceramic Material or Glass for Systems with Nominal Voltages Greater than 1 000 V	Temperature cycle test	IS/IEC 60168
8345	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Indoor and Outdoor Post Insulators of Ceramic Material or Glass for Systems with Nominal Voltages Greater than 1 000 V	Test for deflection under load	IS/IEC 60168
8346	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Indoor and Outdoor Post Insulators of Ceramic Material or Glass for Systems with Nominal Voltages Greater than 1 000 V	Verification of the dimensions	IS/IEC 60168
8347	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulated bushings for alternating voltages above 1 000 V	Cantilever load withstand test	IEC 60137
8348	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulated bushings for alternating voltages above 1 000 V	Dimensional check	IEC 60137
8349	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulated bushings for alternating voltages above 1 000 V	Verification of dimensions	IEC 60137
8350	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulated bushings for alternating voltages above 1 000 V	Visual inspection	IEC 60137
8351	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulated Bushings for alternating voltages above 1000 V	Cantilever load withstand test	IS/IEC 60137
8352	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulated Bushings for alternating voltages above 1000 V	Dimensional check	IS/IEC 60137
8353	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulated Bushings for alternating voltages above 1000 V	Verification of dimensions	IS/IEC 60137



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8354	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulated Bushings for alternating voltages above 1000 V	Visual inspection	IS/IEC 60137
8355	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Branch cable pull-out test	BS EN 50397-2
8356	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Branch cable pull-out test	BS EN 50483-4
8357	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Branch cable pull-out test	NFC 33-020
8358	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Check for permanent marking	NFC 33-020
8359	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Connector bolt tightening test	BS EN 50397-2
8360	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Connector bolt tightening test	BS EN 50483-4
8361	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Dielectric voltage test in water	BS EN 50483-4
8362	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Dielectric voltage test	NFC 33-020
8363	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Dimensional and material verification	BS EN 50397-2
8364	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Low temperature assembly test	BS EN 50397-2



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8365	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Low temperature assembly test	BS EN 50483-4
8366	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Low temperature assembly test	NFC 33-020
8367	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Shear head function test	BS EN 50397-2
8368	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Shear head function's test and connector bolt tightening test	NFC 33-020
8369	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Test for mechanical damage to the main conductor	BS EN 50397-2
8370	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Test for mechanical damage to the main conductor	BS EN 50483-4
8371	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Test for mechanical damage to the main conductor	NFC 33-020
8372	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Test for permanent marking	BS EN 50397-2
8373	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Test for permanent marking	BS EN 50483-1
8374	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Water tightness test	BS EN 50397-2
8375	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Water tightness test	BS EN 50483-4



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8376	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulation piercing branch-connectors	Water tightness test	NF C 33-020
8377	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Flashover Test	IEC 60060 - 1
8378	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Flashover Test	IEC 60168
8379	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Flashover Test	IEC 60660
8380	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Flashover Test	IEC 62217
8381	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Withstand Test	IEC 60060 - 1
8382	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Withstand Test	IEC 60168
8383	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Withstand Test	IEC 60660
8384	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Withstand Test	IEC 62217
8385	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Withstand Test	IS 5300
8386	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Electrical routine test	IEC 62155



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8387	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Electrical Routine Test	IS / IEC 62155
8388	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Electrical Routine Test	IS 5621 (withdrawn)
8389	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Puncture Test	IEC 60660
8390	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Flashover Test	IEC 60060 - 1
8391	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Flashover Test	IEC 60168
8392	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Flashover Test	IEC 60383 - 1
8393	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Flashover Test	IEC 60383 - 2
8394	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Flashover Test	IEC 60660
8395	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Flashover Test	IEC 61109
8396	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Flashover Test	IEC 62231
8397	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Flashover Test	IS 731



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8398	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Withstand Test	IEC 60060 - 1
8399	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Withstand Test	IEC 60168
8400	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Withstand Test	IEC 60383 - 1
8401	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Withstand Test	IEC 60383 - 2
8402	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Withstand Test	IEC 60660
8403	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Withstand Test	IEC 61109
8404	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Withstand Test	IEC 62231
8405	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Withstand Test	IS 731
8406	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Power Frequency puncture voltage Test	IS 731
8407	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Radio Interference voltage test	IEC 60437
8408	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Radio Interference voltage test	IS 8263



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8409	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Steep-front impulse voltage test	IEC 62217
8410	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Switching Impulse Voltage Flashover Test (Dry / Wet)	IEC 60060 - 1
8411	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Switching Impulse Voltage Flashover Test (Dry / Wet)	IEC 60168
8412	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Switching Impulse Voltage Flashover Test (Dry / Wet)	IEC 60383 - 2
8413	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Switching Impulse Voltage Flashover Test (Dry / Wet)	IEC 61109
8414	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 60060 - 1
8415	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 60168
8416	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 60383 - 2
8417	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 61109
8418	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Visible Corona Test	IEC 60060 - 1
8419	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Visible Corona Test	IS 2071 - 1



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8420	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Visible discharge test	IS 2544 (withdrawn)
8421	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Visible discharge test	IS 731
8422	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Voltage Distribution Test	IEC 60060 - 1
8423	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Voltage Distribution Test	IS 2071 - 1
8424	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Flashover Test	IEC 60060 - 1
8425	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Flashover Test	IEC 60168
8426	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Flashover Test	IEC 60383 - 1
8427	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Flashover Test	IEC 60383 - 2
8428	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Flashover Test	IEC 61109
8429	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Flashover Test	IEC 62231
8430	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Flashover Test	IS 2071 - 1



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8431	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Flashover Test	IS 7311
8432	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Withstand Test	IEC 60060 - 1
8433	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Withstand Test	IEC 60168
8434	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Withstand Test	IEC 60383 - 1
8435	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Withstand Test	IEC 60383 - 2
8436	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Withstand Test	IEC 61109
8437	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Withstand Test	IEC 62231
8438	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Withstand Test	IS 2071 - 1
8439	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Withstand Test	IS 731
8440	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Flashover Test	IS / IEC 60168
8441	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Flashover Test	IS 2071 - 1



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8442	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Flashover Test	IS 9431
8443	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Flashover Test	ANSI NEMA C29.1
8444	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Flashover Test	ANSI NEMA C29.9
8445	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Withstand Test	ANSI NEMA C29.1
8446	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Withstand Test	ANSI NEMA C29.9
8447	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Withstand Test	IS / IEC 60168
8448	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Withstand Test	IS 2071 - 1
8449	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Dry Power Frequency Voltage Withstand Test	IS 9431
8450	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Puncture Test	IS 9431
8451	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Flashover Test	ANSI NEMA C29.1
8452	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Flashover Test	ANSI NEMA C29.9



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8453	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Flashover Test	IS / IEC 60168
8454	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Flashover Test	IS 2071 - 1
8455	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Flashover Test	IS 9431
8456	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Withstand Test	ANSI NEMA C29.1
8457	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Withstand Test	ANSI NEMA C29.9
8458	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Withstand Test	IS / IEC 60168
8459	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Withstand Test	IS 2071 - 1
8460	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Lightning Impulse Voltage Withstand Test	IS 9431
8461	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Power Frequency puncture voltage Test	IS / IEC 60168
8462	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Radio Interference voltage test	ANSI NEMA C29.1
8463	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Radio Interference voltage test	ANSI NEMA C29.9



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8464	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Switching Impulse Voltage Flashover Test (Dry / Wet)	IS / IEC 60168
8465	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Switching Impulse Voltage Flashover Test (Dry / Wet)	IS 2071 - 1
8466	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Switching Impulse Voltage Withstand Test (Dry / Wet)	IS / IEC 60168
8467	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Switching Impulse Voltage Withstand Test (Dry / Wet)	IS 2071 - 1
8468	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Visible discharge test	IS / IEC 60168
8469	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Flashover Test	ANSI NEMA C29.9
8470	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Flashover Test	IS / IEC 60168
8471	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Flashover Test	ANSI NEMA C29.1
8472	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Withstand Test	ANSI NEMA C29.1
8473	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Withstand Test	ANSI NEMA C29.9
8474	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator	Wet Power Frequency Voltage Withstand Test	IS / IEC 60168



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8475	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators	Partial discharge extinction voltage test	IS 9431
8476	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators	Partial discharge extinction voltage test	IEC: 60660
8477	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Electro-Mechanical failing load test	IEC: 60383-1
8478	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Galvanising test (Coating mass)	IEC: 60168
8479	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Galvanising test (Coating mass)	IEC: 60383-1
8480	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Galvanising test (Coating mass)	IEC: 61109
8481	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Galvanising test (Coating mass)	IEC: 62155
8482	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Galvanising test (Coating mass)	IS 4759
8483	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Galvanising test (Uniformity of Zinc coating)	IEC: 60168
8484	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Galvanising test (Uniformity of Zinc coating)	IEC: 60383-1
8485	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Galvanising test (Uniformity of Zinc coating)	IEC: 62155



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8486	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Mechanical failing load test	IEC: 60383-1
8487	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Porosity test	IEC: 60383-1
8488	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Routine visual inspection	IEC: 60383-1
8489	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Temperature cycle test (Up to 33 kV)	IEC: 60383-1
8490	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Thermal mechanical performance test	IEC 60383-1
8491	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Verification of dimensions	IEC: 60383-1
8492	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulators for overhead lines with a nominal voltage above 1000V	Verification of locking system	IEC 60383-1
8493	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	EMC/RIV	IS 9921-4 (withdrawn)
8494	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Dry Power Frequency Voltage Test	IEC 62271-1
8495	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Dry Power Frequency Voltage Test	IEC 62271-102
8496	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Dry Power Frequency Voltage Test	IEC 62271-106



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8497	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Dry Power Frequency Voltage Test	IEC 62271-203
8498	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Dry Power Frequency Voltage Test	IS 9921-4 (withdrawn)
8499	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Dry Power Frequency Voltage Test	IS/IEC 62271-102
8500	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	EMC/RIV	IEC 62271-1
8501	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	EMC/RIV	IEC 62271-102
8502	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	EMC/RIV	IEC 62271-106
8503	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	EMC/RIV	IEC 62271-203
8504	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	EMC/RIV	IS/IEC 62271-102
8505	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Lightning Impulse Voltage Test	IEC 62271-1
8506	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Lightning Impulse Voltage Test	IEC 62271-102
8507	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Lightning Impulse Voltage Test	IEC 62271-106



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8508	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Lightning Impulse Voltage Test	IEC 62271-203
8509	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Lightning Impulse Voltage Test	IS 9921-4 (withdrawn)
8510	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Lightning Impulse Voltage Test	IS/IEC 62271-102
8511	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Switching Impulse Voltage Test (Dry/Wet)	IEC 62271-1
8512	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Switching Impulse Voltage Test (Dry/Wet)	IEC 62271-102
8513	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Switching Impulse Voltage Test (Dry/Wet)	IEC 62271-106
8514	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Switching Impulse Voltage Test (Dry/Wet)	IEC 62271-203
8515	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Switching Impulse Voltage Test (Dry/Wet)	IS 9921-4 (withdrawn)
8516	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Switching Impulse Voltage Test (Dry/Wet)	IS/IEC 62271-102
8517	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Visible Corona Test	IEC 60060 - 1
8518	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Visible Corona Test	IEC 60060 - 2



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8519	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Visible Corona Test	IS 2071-1
8520	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Visible Corona Test	IS 2071-2
8521	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Wet Power Frequency Voltage Test	IEC 62271-1
8522	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Wet Power Frequency Voltage Test	IEC 62271-102
8523	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Wet Power Frequency Voltage Test	IEC 62271-106
8524	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Wet Power Frequency Voltage Test	IEC 62271-203
8525	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Wet Power Frequency Voltage Test	IS 9921-4 (withdrawn)
8526	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Isolators (Disconnectors)	Wet Power Frequency Voltage Test	IS/IEC 62271-102
8527	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Wet Power Frequency Voltage Test	IS 15086
8528	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Dry Power Frequency Voltage Test	IEC 60099-4
8529	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Dry Power Frequency Voltage Test	IS 15086



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8530	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Dry Power Frequency Voltage Test	IS 3070-3 (withdrawn)
8531	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Lightning Impulse Residual Voltage Test at 500 Amp.	IEC 60099-4
8532	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Lightning Impulse Residual Voltage Test at 500 Amp.	IS 15086
8533	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Lightning Impulse Residual Voltage Test at 500 Amp.	IS 3070-3 (withdrawn)
8534	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Lightning Impulse Voltage Test	IEC 60099-4
8535	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Lightning Impulse Voltage Test	IS 15086
8536	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Lightning Impulse Voltage Test	IS 3070-3 (withdrawn)
8537	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Measurement of Power Frequency Voltage at Reference Current	IEC 60099-4
8538	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Measurement of Power Frequency Voltage at Reference Current	IS 15086
8539	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Measurement of Power Frequency Voltage at Reference Current	IS 3070-3 (withdrawn)
8540	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Radio Interference Voltage	IEC 60099-4



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8541	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Radio Interference Voltage	IS 15086
8542	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Switching impulse Voltage test (Dry/Wet)	IEC 60099-4
8543	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Switching impulse Voltage test (Dry/Wet)	IS 15086
8544	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Switching impulse Voltage test (Dry/Wet)	IS 3070-3 (withdrawn)
8545	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Wet Power Frequency Voltage Test	IEC 60099-4
8546	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lighting Arrester/ Housing	Wet Power Frequency Voltage Test	IS 3070-3 (withdrawn)
8547	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lightning Arrestor, (Both Gap & Gap less)	Partial discharge test	IEC 60099 (Part 4)
8548	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lightning Arrestor, (Both Gap & Gap less)	Partial discharge test	IEC 60099 (Part 4)
8549	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lightning Arrestor, (Both Gap & Gap less)	Partial discharge test	IS 3070 (Part 3)
8550	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Lightning arrestors	Partial discharge test	IEC : 60099 Part-4
8551	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Line Traps	Dry Power Frequency Voltage Test	IEC 60353



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8552	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Line Traps	Dry Power Frequency Voltage Test	IS 8796
8553	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Line Traps	Lightning Impulse Voltage Test	IEC 60353
8554	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Line Traps	Lightning Impulse Voltage Test	IS 8796
8555	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	OLTC	Lightning Impulse Voltage Test	IEC 60214
8556	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	OLTC	Chopped Impulse Voltage Test	IEC 60215
8557	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	OLTC	Dry Power Frequency Voltage Test / Applied voltage test	IEC 60217
8558	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	OLTC	Switching Impulse Voltage Test	IEC 60216
8559	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain guy strain insulators	Porosity test	IS: 5300
8560	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain guy strain insulators	Temperature cycle test	IS: 5300
8561	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain guy strain insulators	Mechanical strength test	IS: 5300
8562	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain guy strain insulators	Verification of dimensions	IS: 5300



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8563	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain guy strain insulators	Visual examination	IS: 5300
8564	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain insulators for overhead power lines with a nominal voltage up to and including 1000 V	Verification of dimensions	IS: 1445
8565	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Porcelain insulators for overhead power lines with a nominal voltage up to and including 1000 V	Mechanical failing load test	IS: 1445
8566	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Post insulators	Partial discharge extinction voltage test	IEC 60660
8567	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Post insulators	Partial discharge extinction voltage test	IS 9431
8568	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN INSULATORS FOR OVERHEAD POWER LINES WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V	Verification of dimensions	IS 2544 (Withdrawn)
8569	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN INSULATORS FOR OVERHEAD POWER LINES WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V	Visual examination	IS: 731
8570	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN INSULATORS FOR OVERHEAD POWER LINES WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V	Electro-Mechanical failing load test	IS: 731
8571	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN INSULATORS FOR OVERHEAD POWER LINES WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V	Galvanizing test (Uniformity of Zinc coating)	IS: 731
8572	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN INSULATORS FOR OVERHEAD POWER LINES WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V	Mechanical failing load test	IS: 731
8573	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN INSULATORS FOR OVERHEAD POWER LINES WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V	Mechanical performance test.	IS: 731



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8574	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN INSULATORS FOR OVERHEAD POWER LINES WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V	Porosity test	IS: 731
8575	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN INSULATORS FOR OVERHEAD POWER LINES WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V	Temperature cycle test	IS 2544 (Withdrawn)
8576	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN INSULATORS FOR OVERHEAD POWER LINES WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V	Temperature cycle test	IS: 731
8577	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN INSULATORS FOR OVERHEAD POWER LINES WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V	Test for mechanical strength - Bending	IS 2544 (Withdrawn)
8578	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN INSULATORS FOR OVERHEAD POWER LINES WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V	Thermal mechanical performance test	IS: 731
8579	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN INSULATORS FOR OVERHEAD POWER LINES WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V	Verification of dimensions	IS: 731
8580	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN INSULATORS FOR OVERHEAD POWER LINES WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V	Visual examination	IS 2544 (Withdrawn)
8581	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN POST INSULATORS FOR SYSTEMS WITH NOMINAL VOLTAGES GREATER THAN 1 000 VOLTS	Porosity test	IS 2544 (Withdrawn)
8582	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN POST INSULATORS FOR SYSTEMS WITH NOMINAL VOLTAGES GREATER THAN 1 000 VOLTS	Galvanising test (Uniformity of Zinc coating)	IS 2544 (Withdrawn)
8583	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN POST INSULATORS FOR SYSTEMS WITH NOMINAL VOLTAGES GREATER THAN 1 000 VOLTS	Test for deflection under load	IS 2544 (Withdrawn)
8584	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN POST INSULATORS FOR SYSTEMS WITH NOMINAL VOLTAGES GREATER THAN 1 000 VOLTS	Test for mechanical strength - Compressive	IS 2544 (Withdrawn)



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8585	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN POST INSULATORS FOR SYSTEMS WITH NOMINAL VOLTAGES GREATER THAN 1 000 VOLTS	Test for mechanical strength - Tensile	IS 2544 (Withdrawn)
8586	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	SPECIFICATION FOR PORCELAIN POST INSULATORS FOR SYSTEMS WITH NOMINAL VOLTAGES GREATER THAN 1 000 VOLTS	Test for mechanical strength - Torsion	IS 2544 (Withdrawn)
8587	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	STATCOM	Valve a.c. voltage Test	IEC 62501
8588	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	STATCOM	MVU a.c. voltage test	IEC 62501
8589	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	STATCOM	MVU a.c. voltage test	IEC:62927
8590	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	STATCOM	Valve a.c. voltage Test	IEC:62927
8591	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	STATCOM	Valve support a.c. voltage test	IEC 62501
8592	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	STATCOM	Valve support a.c. voltage test	IEC:62927
8593	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Structural steel	Chemical Analysis	ASTM E415
8594	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Structural steel	Chemical Analysis	ASTM E415 (withdrawn)
8595	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Structural steel	Chemical Analysis for: Carbon,Sulphur,Phosphorus,Manganese,Silicon,Nickel,Chromium,Molybdenum,Copper	IS 2062, ASTM E 1086, ASTM E 1251



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8596	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 62271-100
8597	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 62271-102
8598	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 62271-103
8599	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS/IEC 62271-100
8600	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS/IEC 62271-102
8601	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IS/IEC 62271-103
8602	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 62271-100
8603	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 62271-102
8604	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IEC 62271-103
8605	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS/IEC 62271-100
8606	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Dry heat / Dry cold / Climatic / Environmental test	IS/IEC 62271-103



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8607	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 62271-100
8608	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 62271-102
8609	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 62271-103
8610	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IS/IEC 62271-100
8611	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IS/IEC 62271-103
8612	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 62271-100
8613	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Humidity/ Reliability test/Resistance to corrosion	IEC 62271-103
8614	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Impact test	IEC 62271-100
8615	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Impact test	IEC 62271-102
8616	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Impact test	IEC 62271-103
8617	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Impact test	IS/IEC 62271-100



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8618	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Impact test	IS/IEC 62271-102
8619	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Impact test	IS/IEC 62271-103
8620	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 9921 (Part 4)
8621	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 60265-2
8622	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 62271-100
8623	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 62271-102
8624	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IEC 62271-103
8625	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 9920 (Part 1)
8626	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS 9920 (Part 2)
8627	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 62271-100
8628	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 62271-102



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8629	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Ingress Protection (1X to 6X & X1 to X8)	IS/IEC 62271-103
8630	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 62271-100
8631	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 62271-102
8632	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IEC 62271-103
8633	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS/IEC 62271-100
8634	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Marking & Dimension /Visual Examination	IS/IEC 62271-102
8635	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 62271-100
8636	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 62271-102
8637	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IEC 62271-103
8638	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS 9920 (Part 1)
8639	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS 9920 (Part 2)



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8640	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS 9921 (Part 4)
8641	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS/IEC 62271-100
8642	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS/IEC 62271-102
8643	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Mechanical Durability/Endurance	IS/IEC 62271-103
8644	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Temperature-rise limits	IEC 62271-102
8645	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Temperature-rise limits Temperature-rise limits	IEC 62271-103
8646	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IS 9385 (Part 1)
8647	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Time Current Characteristics /Operating Limits/ Pick up/ Dropout/ Operating Time/Verification of releases/Over current operating characteristics/Limiting value of over current	IS 9385 (Part 2)
8648	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 62271-100



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8649	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 62271-102
8650	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 62271-103
8651	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS 9920 (Part 1)
8652	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS 9920 (Part 2)
8653	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS 9921 (Part 4)
8654	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS/IEC 62271-100
8655	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS/IEC 62271-102
8656	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IS/IEC 62271-103
8657	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Voltage Drop/ Effective of protective circuit verification of earthing Contact resistance measurement	IEC 62271-100
8658	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 62271-100
8659	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Dielectric Strength - Power Frequency withstand test/Auxiliary circuit insulation test	IEC 62271-103



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8660	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Switchgear & Controlgear Products	Temperature-rise limits	IEC 62271-100
8661	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on hollow insulators for use in electrical equipment	Porosity test	IEC: 62155
8662	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on hollow insulators for use in electrical equipment	Verification of the dimensions	IEC: 62155
8663	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on hollow insulators for use in electrical equipment	Mechanical failing load test - Torsion	IEC: 62155
8664	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on hollow insulators for use in electrical equipment	Mechanical failing load test - Compressive	IEC: 62155
8665	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on hollow insulators for use in electrical equipment	Mechanical failing load test - Tensile	IEC: 62155
8666	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on hollow insulators for use in electrical equipment	Mechanical failing load test- Bending	IEC: 62155
8667	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on hollow insulators for use in electrical equipment	Pressure test	IEC: 62155
8668	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on hollow insulators for use in electrical equipment	Routine visual Inspection	IEC: 62155
8669	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on hollow insulators for use in electrical equipment	Temperature cycle test	IEC: 62155
8670	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1000 volts	Porosity test	IEC:60168



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8671	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1000 volts	Galvanising test (Uniformity of Zinc Coating)	IEC:60168
8672	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1000 volts	Mechanical failing load test - Bending	IEC: 60168
8673	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1000 volts	Mechanical failing load test - Compressive	IEC:60168
8674	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1000 volts	Mechanical failing load test - Tensile	IEC: 60168
8675	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1000 volts	Mechanical failing load test- Torsion	IEC:60168
8676	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1000 volts	Routine Visual inspection	IEC:60168
8677	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1000 volts	Temperature cycle test	IEC:60168
8678	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1000 volts	Test for deflection under load	IEC:60168
8679	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1000 volts	Verification of the dimensions	IEC:60168
8680	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Transmission line equipment and accessories Any material	Salt Spray (Fog) test (Salt Mist test)	ASTM B-117
8681	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Transmission line equipment and accessories Any material	Salt Spray (Fog) test (Salt Mist test)	IEC 60068-2-11



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8682	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Transmission line equipment and accessories Any material	Salt Spray (Fog) test (Salt Mist test)	IEC 61439-1
8683	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Transmission line equipment and accessories Any material	Salt Spray (Fog) test (Salt Mist test)	ISO 4628-3
8684	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Transmission line equipment and accessories Hollow insulators for use in electrical equipment	Porosity test	IS 5621 (Withdrawn)
8685	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Transmission line equipment and accessories Hollow insulators for use in electrical equipment	Routine visual Inspection	IS 5621 (Withdrawn)
8686	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Transmission line equipment and accessories Hollow insulators for use in electrical equipment	Temperature cycle test	IS 5621 (Withdrawn)
8687	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Transmission line equipment and accessories Hollow insulators for use in electrical equipment	Verification of the dimensions	IS 5621 (Withdrawn)
8688	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Voltage presence indicating systems (VPIS)	Impact test	IEC 62271-206
8689	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	XLPE insulated thermoplastic sheathed cable	Partial discharge test	IS: 3070 (Part-3)
8690	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Classification	IEC 61184
8691	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Classification	IS 1258
8692	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Construction	IEC 61184
8693	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Construction	IS 1258
8694	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Creepage distances and clearances	IEC 61184



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8695	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Creepage distances and clearances	IS 1258
8696	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Dimensions	IEC 61184
8697	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Dimensions	IS 1258
8698	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	General Resistance to heat	IEC 61184
8699	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	General Resistance to heat	IS 1258
8700	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Marking	IEC 61184
8701	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Marking	IS 1258
8702	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Mechanical strength	IEC 61184
8703	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Mechanical strength	IS 1258
8704	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Moisture resistance, Insulation resistance and electric strength	IEC 61184
8705	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Moisture resistance, Insulation resistance and electric strength	IS 1258
8706	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Protection against electric shock	IEC 61184
8707	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Protection against electric shock	IS 1258
8708	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Provision for earthing	IEC 61184
8709	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Provision for earthing	IS 1258
8710	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Resistance to excessive residual stresses and to rusting	IEC 61184
8711	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Resistance to excessive residual stresses and to rusting	IS 1258
8712	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Resistance to heat, fire and tracking	IEC 61184



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8713	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Resistance to heat, fire and tracking	IS 1258
8714	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Screws, current-carrying parts and connections	IEC 61184
8715	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Screws, current-carrying parts and connections	IS 1258
8716	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Standard Ratings	IEC 61184
8717	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Standard Ratings	IS 1258
8718	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Switched Lamp holders	IEC 61184
8719	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Switched Lamp holders	IS 1258
8720	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Terminals	IEC 61184
8721	ELECTRICAL- WIRING ACCESSORIES	Bayonet Lamp holder	Terminals	IS 1258
8722	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Accessibility of live parts	IS 371
8723	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Classification	IS 371
8724	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Construction	IS 371
8725	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Creepage distance and clearances	IS 371
8726	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Dimensions	IS 371
8727	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Marking	IS 371
8728	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Mechanical strength	IS 371
8729	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Provision for earthing	IS 371
8730	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Ratings	IS 371
8731	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Resistance to abnormal heat, Fire and tracking	IS 371



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8732	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Resistance to excessive residual stresses and to rusting	IS 371
8733	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Resistance to heat	IS 371
8734	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Resistance to moisture and humidity, Insulation resistance and Electric Strength	IS 371
8735	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Screws, current-carrying parts and connections	IS 371
8736	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Temperature rise	IS 371
8737	ELECTRICAL- WIRING ACCESSORIES	Ceiling Rose	Terminals	IS 371
8738	ELECTRICAL- WIRING ACCESSORIES	Conduit for Electrical Installations	Bending test	IS 9537 Part-1
8739	ELECTRICAL- WIRING ACCESSORIES	Conduit for Electrical Installations	Checking of dimensions	IS 9537 Part-1
8740	ELECTRICAL- WIRING ACCESSORIES	Conduit for Electrical Installations	Collapse test	IS 9537 Part-1
8741	ELECTRICAL- WIRING ACCESSORIES	Conduit for Electrical Installations	Compression test	IS 9537 Part-1
8742	ELECTRICAL- WIRING ACCESSORIES	Conduit for Electrical Installations	Electrical characteristics	IS 9537 Part-1
8743	ELECTRICAL- WIRING ACCESSORIES	Conduit for Electrical Installations	Impact test	IS 9537 Part-1
8744	ELECTRICAL- WIRING ACCESSORIES	Conduit for Electrical Installations	Resistance to Heat test	IS 9537 Part-1
8745	ELECTRICAL- WIRING ACCESSORIES	Conduit for Electrical Installations	Resistance to burning	IS 9537 Part-1
8746	ELECTRICAL- WIRING ACCESSORIES	Conduit of insulating material	Bending test	IS 9537 Part-3
8747	ELECTRICAL- WIRING ACCESSORIES	Conduit of insulating material	Checking of dimensions	IS 9537 Part-3
8748	ELECTRICAL- WIRING ACCESSORIES	Conduit of insulating material	Collapse test	IS 9537 Part-3
8749	ELECTRICAL- WIRING ACCESSORIES	Conduit of insulating material	Compression test	IS 9537 Part-3



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8750	ELECTRICAL- WIRING ACCESSORIES	Conduit of insulating material	Electrical characteristics	IS 9537 Part-3
8751	ELECTRICAL- WIRING ACCESSORIES	Conduit of insulating material	Impact test	IS 9537 Part-3
8752	ELECTRICAL- WIRING ACCESSORIES	Conduit of insulating material	Resistance to Heat test	IS 9537 Part-3
8753	ELECTRICAL- WIRING ACCESSORIES	Conduit of insulating material	Resistance to burning	IS 9537 Part-3
8754	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Checking of Dimensions	BS EN 60669-1
8755	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Checking of Dimensions	IEC 60669-1
8756	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Checking of Dimensions	IS 3854
8757	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Classification	BS EN 60669-1
8758	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Classification	IEC 60669-1
8759	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Classification	IS 3854
8760	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Constructional requirements	BS EN 60669-1
8761	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Constructional requirements	IEC 60669-1
8762	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Constructional requirements	IS 3854
8763	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Creepage distances, clearances and distance through sealing compound	BS EN 60669-1
8764	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Creepage distances, clearances and distance through sealing compound	IEC 60669-1
8765	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Creepage distances, clearances and distance through sealing compound	IS 3854
8766	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Insulation resistance and electric strength	BS EN 60669-1
8767	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Insulation resistance and electric strength	IEC 60669-1



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8768	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Insulation resistance and electric strength	IS 3854
8769	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Making and Breaking capacity	BS EN 60669-1
8770	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Making and Breaking capacity	IEC 60669-1
8771	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Making and Breaking capacity	IS 3854
8772	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Marking	BS EN 60669-1
8773	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Marking	IEC 60669-1
8774	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Marking	IS 3854
8775	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Mechanical strength	BS EN 60669-1
8776	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Mechanical strength	IEC 60669-1
8777	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Mechanical strength	IS 3854
8778	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Mechanism	BS EN 60669-1
8779	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Mechanism	IEC 60669-1
8780	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Mechanism	IS 3854
8781	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Normal operation	BS EN 60669-1
8782	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Normal operation	IEC 60669-1
8783	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Normal operation	IS 3854
8784	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Protection against electric shock	BS EN 60669-1
8785	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Protection against electric shock	IEC 60669-1
8786	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Protection against electric shock	IS 3854



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8787	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Provision for earthing	BS EN 60669-1
8788	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Provision for earthing	IEC 60669-1
8789	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Provision for earthing	IS 3854
8790	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Ratings	BS EN 60669-1
8791	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Ratings	IEC 60669-1
8792	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Ratings	IS 3854
8793	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance of insulating material to abnormal heat, to fire and to tracking	BS EN 60669-1
8794	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance of insulating material to abnormal heat, to fire and to tracking	IEC 60669-1
8795	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance of insulating material to abnormal heat, to fire and to tracking	IS 3854
8796	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance to Ageing, to harmful ingress and to humidity	BS EN 60669-1
8797	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance to Ageing, to harmful ingress and to humidity	IEC 60669-1
8798	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance to Ageing, to harmful ingress and to humidity	IS 3854
8799	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance to harmful ingress of water	BS EN 60669-1
8800	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance to harmful ingress of water	IEC 60669-1
8801	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance to harmful ingress of water	IS 3854
8802	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance to heat	BS EN 60669-1
8803	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance to heat	IEC 60669-1



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8804	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance to heat	IS 3854
8805	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance to rusting	BS EN 60669-1
8806	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance to rusting	IEC 60669-1
8807	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Resistance to rusting	IS 3854
8808	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Screws, current-carrying parts and connections	BS EN 60669-1
8809	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Screws, current-carrying parts and connections	IEC 60669-1
8810	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Screws, current-carrying parts and connections	IS 3854
8811	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Temperature rise	BS EN 60669-1
8812	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Temperature rise	IEC 60669-1
8813	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Temperature rise	IS 3854
8814	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Terminals	BS EN 60669-1
8815	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Terminals	IEC 60669-1
8816	ELECTRICAL- WIRING ACCESSORIES	Domestic switch	Terminals	IS 3854
8817	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Checking of Dimensions	IS 11037
8818	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Creepage distance and clearances	IS 11037
8819	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Design and general construction	IS 11037
8820	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Earthing connection	IS 11037
8821	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Electrical endurance test	IS 11037
8822	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Environmental tests	IS 11037



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8823	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	General and safety requirements	IS 11037
8824	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	High voltage test	IS 11037
8825	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Insulation resistance	IS 11037
8826	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Leakage current test	IS 11037
8827	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Marking	IS 11037
8828	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Mechanical strength	IS 11037
8829	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Moisture resistance	IS 11037
8830	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Performance	IS 11037
8831	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Protection against electric shock	IS 11037
8832	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Rated Frequency	IS 11037
8833	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Rated Voltage	IS 11037
8834	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Resistance to abnormal heat and to fire	IS 11037
8835	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Resistance to rusting	IS 11037
8836	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Temperature rise	IS 11037
8837	ELECTRICAL- WIRING ACCESSORIES	Electronic type fan regulator	Voltage drop	IS 11037
8838	ELECTRICAL- WIRING ACCESSORIES	Particular requirements conduit systems buried Under Ground	Compression test	IS 16205 Part-1
8839	ELECTRICAL- WIRING ACCESSORIES	Particular requirements conduit systems buried Under Ground	Compression test	IS 16205 Part-24
8840	ELECTRICAL- WIRING ACCESSORIES	Particular requirements conduit systems buried Under Ground	Bending test	IS 16205 Part-24
8841	ELECTRICAL- WIRING ACCESSORIES	Particular requirements conduit systems buried Under Ground	Bending test	IS 16205 Part-1



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8842	ELECTRICAL- WIRING ACCESSORIES	Particular requirements conduit systems buried Under Ground	Construction	IS 16205 Part-1
8843	ELECTRICAL- WIRING ACCESSORIES	Particular requirements conduit systems buried Under Ground	Construction	IS 16205 Part-24
8844	ELECTRICAL- WIRING ACCESSORIES	Particular requirements conduit systems buried Under Ground	Dimensions	IS 16205 Part-24
8845	ELECTRICAL- WIRING ACCESSORIES	Particular requirements conduit systems buried Under Ground	Dimensions	IS 16205 Part-1
8846	ELECTRICAL- WIRING ACCESSORIES	Particular requirements conduit systems buried Under Ground	Glow wire test	IS 16205 Part-1
8847	ELECTRICAL- WIRING ACCESSORIES	Particular requirements conduit systems buried Under Ground	Glow wire test	IS 16205 Part-24
8848	ELECTRICAL- WIRING ACCESSORIES	Particular requirements conduit systems buried Under Ground	Impact test	IS 16205 Part-1
8849	ELECTRICAL- WIRING ACCESSORIES	Particular requirements conduit systems buried Under Ground	Impact test	IS 16205 Part-24
8850	ELECTRICAL- WIRING ACCESSORIES	Particular requirements conduit systems buried Under Ground	Resistance to flame propagation	IS 16205 Part-1
8851	ELECTRICAL- WIRING ACCESSORIES	Particular requirements conduit systems buried Under Ground	Resistance to flame propagation	IS 16205 Part-24
8852	ELECTRICAL- WIRING ACCESSORIES	Plugs & socket-outlets	Protection Provided by Enclosures	IS 1293
8853	ELECTRICAL- WIRING ACCESSORIES	Plugs & socket-outlets	Resistance to harmful ingress of water	IEC 60884-1
8854	ELECTRICAL- WIRING ACCESSORIES	Plugs & socket-outlets	Resistance to harmful ingress of water	IS 1293
8855	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Provision for earthing	IEC 60884-1
8856	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Additional tests provided on pins provided with insulating sleeves	0.01 to 1000 MO, 0.01 to 5 kV, 0.01 to 300 mm, 2.5 N pressure test apparatus, - 40 °C to 180 °C, 4 N Abrasion test apparatus, 100 g Impact test apparatus
8857	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Additional tests provided on pins provided with insulating sleeves	IEC 60884-1
8858	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Additional tests provided on pins provided with insulating sleeves	IS 1293



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8859	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Breaking capacity	IEC 60884-1
8860	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Breaking capacity	IS 1293
8861	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Checking of Dimensions	IEC 60884-1
8862	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Checking of Dimensions	IS 1293
8863	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Checking of Dimensions	IS 1293
8864	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Classifications	IEC 60884-1
8865	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Classifications	IS 1293
8866	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Construction of fixed socket-outlets	IEC 60884-1
8867	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Construction of fixed socket-outlets	IS 1293
8868	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Construction of plugs and portable socket-outlets	IEC 60884-1
8869	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Construction of plugs and portable socket-outlets	IS 1293
8870	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Construction of plugs and portable socket-outlets	IS 1293
8871	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Creepage distances, clearances and distances through sealing compound	IEC 60884-1
8872	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Creepage distances, clearances and distances through sealing compound	IS 1293
8873	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Flexible cables & their connections	IEC 60884-1
8874	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Flexible cables & their connections	IS 1293
8875	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Force necessary to withdraw the plug	IEC 60884-1
8876	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Insulation resistance and Electric strength	IEC 60884-1



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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8877	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Insulation resistance and Electric strength	IS 1293
8878	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Insulation resistance and Electric strength	IS 1293
8879	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Interlocked socket-outlets	IEC 60884-1
8880	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Interlocked socket-outlets	IS 1293
8881	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Making and breaking capacity	IS 1293
8882	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Marking	IEC 60884-1
8883	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Marking	IS 1293
8884	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Mechanical strength	IEC 60884-1
8885	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Mechanical strength	IS 1293
8886	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Normal operation	IEC 60884-1
8887	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Normal operation	IS 1293
8888	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Operation of earthing contacts	IEC 60884-1
8889	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Operation of earthing contacts	IS 1293
8890	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Protection against electric shock	IEC 60884-1
8891	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Protection against electric shock	IS 1293
8892	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Provision for earthing	IS 1293
8893	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Provision for earthing	IS 1293
8894	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Ratings	IEC 60884-1
8895	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Ratings	IS 1293



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8896	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Resistance of insulating material to abnormal heat, to fire and to tracking	IEC 60884-1
8897	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Resistance of insulating material to abnormal heat, to fire and to tracking	IS 1293
8898	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Resistance to ageing, to harmful ingress of water and to humidity	IEC 60884-1
8899	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Resistance to ageing, to harmful ingress of water and to humidity	IS 1293
8900	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Resistance to ageing, to harmful ingress of water and to humidity	IS 1293
8901	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Resistance to heat	IEC 60884-1
8902	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Resistance to heat	IS 1293
8903	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Resistance to rusting	IEC 60884-1
8904	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Resistance to rusting	IS 1293
8905	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Screws, current-carrying parts and connections	IEC 60884-1
8906	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Screws, current-carrying parts and connections	IS 1293
8907	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Temperature rise	IEC 60884-1
8908	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Temperature rise	IS 1293
8909	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Temperature rise	IS 1293
8910	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Terminals	IEC 60884-1
8911	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Terminals	IS 1293
8912	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Terminals	IS 1293



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8913	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Force necessary to withdraw the plug	IS 1293
8914	ELECTRICAL- WIRING ACCESSORIES	Plugs & sockets	Force necessary to withdraw the plug	IS 1293
8915	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Breaking capacity	IS 15787
8916	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Checking of Dimensions	IS 15787
8917	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Classifications	IS 15787
8918	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Construction of fixed socket-outlets	IS 15787
8919	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Construction of plugs and portable socket-outlets	IS 15787
8920	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Creepage distances, clearances and distances through sealing compound	IS 15787
8921	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Flexible cables & their connections	IS 15787
8922	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Force necessary to withdraw the plug	IS 15787
8923	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Insulation resistance and Electric strength	IS 15787
8924	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Marking	IS 15787
8925	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Mechanical strength	IS 15787
8926	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Normal operation	IS 15787
8927	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Operation of earthing contacts	IS 15787
8928	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Protection against electric shock	IS 15787
8929	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Provision for earthing	IS 15787
8930	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Ratings	IS 15787



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8931	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Resistance of insulating material to abnormal heat, to fire and to tracking	IS 15787
8932	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Resistance to ageing, to harmful ingress of water and to humidity	IS 15787
8933	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Resistance to heat	IS 15787
8934	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Resistance to rusting	IS 15787
8935	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Screws, current-carrying parts and connections	IS 15787
8936	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Temperature rise	IS 15787
8937	ELECTRICAL- WIRING ACCESSORIES	Switch socket-outlets (Non-interlock type)	Terminals	IS 15787
8938	ELECTRICAL- WIRING ACCESSORIES	Wiring accessories	Ingress Protection (1X to 6X & X1 to X8)	IS 14930 (Part 2)
8939	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Product	Electrostatic discharge immunity test	IEC 62052-22:(Withdrawn)
8940	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic product	Electrostatic discharge immunity test	TEC/SD/DD/EMC-221
8941	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 60947-2 :(NEW STD)
8942	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	"Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz"	IEC 61000-4-16
8943	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	AC voltage Dips and Interruption test	TEC/SD/DD/EMC-221
8944	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Conducted common mode disturbances in the frequency range lower than 150kHz	IS 12640 (Part 1)
8945	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Conducted common mode disturbances in the frequency range lower than 150kHz	IS 12640 (Part 2)
8946	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Conducted common mode disturbances in the frequency range lower than 150 kHz	IEC 61543



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8947	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Conducted common mode disturbances in the frequency range lower than 150 kHz	IEC 61008-1
8948	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Conducted common mode disturbances in the frequency range lower than 150 kHz	IEC 61009-1
8949	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	D.C short interruption test	EN 61000-4-29
8950	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	D.C short interruption test	IEC 61000-4-29
8951	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damp magnetic field immunity test	EN 61000-4-10
8952	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damp magnetic field immunity test	IEC 60870-2-1
8953	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damp magnetic field immunity test	IEC 61000-4-10
8954	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	CISPR 14-2:(Withdrawn)
8955	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	CISPR 24:(Withdrawn)
8956	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	CISPR 35
8957	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	EN 61000-4-4
8958	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60204-1
8959	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60255-26
8960	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60335-1:(Withdrawn)
8961	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60571
8962	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60601-1-2:(Withdrawn)
8963	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60870-2-1
8964	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-1 :(Withdrawn)



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8965	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-2:(Withdrawn)
8966	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-3:(Withdrawn)
8967	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-4-1:(Withdrawn)
8968	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-5-1
8969	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-5-2:(Withdrawn)
8970	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61000-6-1
8971	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61000-6-2
8972	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61008-1
8973	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61009-1
8974	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61439-1:(Withdrawn)
8975	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61543
8976	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61547 :(Withdrawn)
8977	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61800-3:(Withdrawn)
8978	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61812-1
8979	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61850-3
8980	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62040-2
8981	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62052-11 :(Withdrawn)
8982	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-21 :(Withdrawn)
8983	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-22:(Withdrawn)



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8984	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-23 :(Withdrawn)
8985	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-24:(Withdrawn)
8986	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62055-31
8987	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62271-1
8988	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62271-100:(Withdrawn)
8989	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62271-102
8990	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC TR 61000-4-1
8991	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEEE C37.90.1
8992	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 12640 (Part 1)
8993	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 12640 (Part 2)
8994	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 13779 :(Withdrawn)
8995	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 14614
8996	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 14697:(Withdrawn)
8997	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 14700 (Part 4/Sec 4)
8998	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 15884
8999	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 16444 (Part 1)
9000	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 16444 (Part 2)
9001	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	NMI M 6.1
9002	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	OIML TC12



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9003	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical Fast transient burst immunity test	TEC/SD/DD/EMC-221
9004	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61326-1:(Withdrawn)
9005	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 13779
9006	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 13779
9007	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	flicker measurements	IEC 61000-3-11
9008	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 61000-3-12 (Withdrawn)
9009	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 61000-3-2 (Withdrawn)
9010	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 61000-4-30
9011	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEEE 519
9012	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements & flicker measurements	IEC 61000-3-3
9013	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements & flicker measurements	IEC 61000-4-15
9014	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	CISPR 14-2:(Withdrawn)
9015	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	CISPR 24:(Withdrawn)
9016	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	CISPR 35
9017	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	EN 50121-4:(Withdrawn)
9018	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	EN 61000-4-6
9019	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	EN 61008-1



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9020	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60204-1
9021	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60255-26
9022	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60335-1:(Withdrawn)
9023	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60571
9024	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60601-1-2:(Withdrawn)
9025	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60870-2-1
9026	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-2:(Withdrawn)
9027	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-3:(Withdrawn)
9028	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-4-1:(Withdrawn)
9029	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-5-1
9030	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-5-2:(Withdrawn)
9031	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61000-4-6
9032	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61000-6-1
9033	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61000-6-2



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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9034	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61008-1
9035	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61009-1
9036	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61326-1:(Withdrawn)
9037	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61439-1:(Withdrawn)
9038	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61543
9039	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61547 :(Withdrawn)
9040	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61800-3
9041	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61812-1
9042	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61850-3
9043	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62040-2
9044	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62052-11 :(Withdrawn)
9045	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-21 :(Withdrawn)
9046	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-22:(Withdrawn)
9047	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-23 :(Withdrawn)



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9048	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-24:(Withdrawn)
9049	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62055-31
9050	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC TR 61000-4-1
9051	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IS 12640 (Part 1)
9052	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IS 12640 (Part 2)
9053	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IS 14614
9054	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	NMI M 6.1
9055	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	OIML TC12
9056	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	TEC/SD/DD/EMC-221
9057	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency immunity test	IEC 60255-26
9058	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated , radio frequency, Electromagnetic field immunity test	IEC 61000-4-20
9059	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated , radio frequency, Electromagnetic field immunity test	TEC/SD/DD/EMC-221
9060	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	CISPR 24:(Withdrawn)
9061	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	CISPR 35



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9062	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60204-1
9063	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60255-26
9064	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60335-1:(Withdrawn)IEC 60335-1:(Withdrawn)
9065	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60571
9066	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60601-1-2:(Withdrawn)
9067	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60870-2-1
9068	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60947-1 :(Withdrawn)
9069	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60947-2:(Withdrawn)
9070	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60947-3:(Withdrawn)
9071	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60947-4-1:(Withdrawn)
9072	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60947-5-1
9073	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60947-5-2:(Withdrawn)
9074	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61000-6-1
9075	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61000-6-2



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9076	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61008-1
9077	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61009-1
9078	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61326-1:(Withdrawn)
9079	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61439-1
9080	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61543
9081	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61547 :(Withdrawn)
9082	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61800-3
9083	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61812-1
9084	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61850-3
9085	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62040-2
9086	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62053-21 :(Withdrawn)
9087	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62053-22:(Withdrawn)
9088	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62053-23 :(Withdrawn)
9089	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62053-24:(Withdrawn)



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9090	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62055-31
9091	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC TR 61000-4-1
9092	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IS 12640 (Part 1)
9093	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IS 12640 (Part 2)
9094	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IS 13779 :(Withdrawn)
9095	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IS 14614
9096	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IS 14697:(Withdrawn)
9097	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IS 15884
9098	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IS 16444 (Part 1)
9099	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IS 16444 (Part 2)
9100	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	NMI M 6.1
9101	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	OIML TC12
9102	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	CISPR 14-2:(Withdrawn)
9103	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61000-4-3 (Withdrawn)



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9104	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IS 13779
9105	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio Interference / Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbance	TEC/SD/DD/EMC-221
9106	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	CISPR 16-1-4:(Withdrawn)
9107	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	CISPR 32
9108	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	CISPR 35
9109	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60034-1
9110	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60204-1
9111	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60255-26
9112	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60571
9113	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60601-1-2:(Withdrawn)
9114	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60870-2-1



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9115	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-1 :(Withdrawn)
9116	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-2:(Withdrawn)
9117	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-3:(Withdrawn)
9118	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-4-1:(Withdrawn)
9119	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-5-1
9120	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-5-2:(Withdrawn)
9121	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61000-6-3 :(Withdrawn)
9122	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61000-6-4
9123	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61326-1:(Withdrawn)
9124	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61439-1:(Withdrawn)
9125	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61543



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9126	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61812-1
9127	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61850-3
9128	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62040-2
9129	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-21 :(Withdrawn)
9130	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-22:(Withdrawn)
9131	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-23 :(Withdrawn)
9132	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-24:(Withdrawn)
9133	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62055-31
9134	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62271-1
9135	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62271-100:(Withdrawn)
9136	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62271-102



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9137	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 10052 (Part 1)
9138	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 13779 :(Withdrawn)
9139	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 14614
9140	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 14697:(Withdrawn)
9141	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 15111 (Part 2)
9142	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 15884
9143	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 16102 (Part 2)
9144	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 16103 (Part 2)
9145	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 16444 (Part 1)
9146	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 16444 (Part 2)
9147	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 6873 (Part 2):(Withdrawn)



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9148	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 6873 (Part 5):(Withdrawn)
9149	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	EN 61000-6-4:(Withdrawn)
9150	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CISPR 11
9151	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CISPR 14 -1:(Withdrawn)
9152	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CISPR 15
9153	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CISPR 16-1-1:(Withdrawn)
9154	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IS 13779
9155	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test.	IEC 60255-26
9156	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test.	IEC 60870-2-1
9157	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	CISPR 14-2:(Withdrawn)
9158	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	CISPR 24:(Withdrawn)
9159	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	CISPR 35
9160	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	EN 50121-4:(Withdrawn)
9161	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	EN 61008-1



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9162	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62052-31
9163	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60060-1
9164	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60065
9165	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60204-1
9166	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60255-26
9167	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60335-1:(Withdrawn)
9168	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60571
9169	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60601-1-2:(Withdrawn)
9170	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60870-2-1
9171	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-1 :(Withdrawn)
9172	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-2:(Withdrawn)
9173	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-4-1:(Withdrawn)
9174	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-5-1
9175	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-5-2:(Withdrawn)
9176	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61000-4-5
9177	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61000-6-1
9178	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61000-6-2
9179	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61008-1
9180	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61009-1



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9181	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61326-1:(Withdrawn)
9182	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61439-1:(Withdrawn)
9183	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61543
9184	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61547 :(Withdrawn)
9185	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61800-3
9186	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61812-1
9187	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61850-3
9188	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62040-2
9189	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62052-11 :(Withdrawn)
9190	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62052-21:(Withdrawn)
9191	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62052-22:(Withdrawn)
9192	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62052-23:(Withdrawn)
9193	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-21 :(Withdrawn)
9194	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-22:(Withdrawn)
9195	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-23 :(Withdrawn)
9196	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-24:(Withdrawn)
9197	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62055-31
9198	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC TR 61000-4-1
9199	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 12640 (Part 1)



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**Certificate Number** TC-5389

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9200	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 12640 (Part 2)
9201	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 13252 (Part 1)
9202	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 16444 (Part-1)
9203	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 16444( Part-2)
9204	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 616
9205	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	OIML TC12
9206	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge Immunity test	TEC/SD/DD/EMC-221
9207	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-3:(Withdrawn)
9208	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	ITU K.20, ITU K.41/K.44.
9209	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	BSEN 55024
9210	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	CISPR 14 -2
9211	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	CISPR 14-2:(Withdrawn)
9212	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	CISPR 24:(Withdrawn)
9213	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	CISPR 35
9214	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62052-21
9215	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62052-22
9216	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62052-23
9217	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62052-24
9218	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 60255-26



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9219	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 60335-1:(Withdrawn)
9220	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 60870-2-1
9221	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 60947-1
9222	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 60947-1 :(Withdrawn)
9223	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 60947-2:(Withdrawn)
9224	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61000-4-11
9225	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61000-4-11
9226	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61000-4-11 :(WITHDRAWN)
9227	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61000-6-1
9228	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61000-6-2
9229	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61326-1
9230	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61326-1:(Withdrawn)
9231	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61439-1
9232	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61439-1:(Withdrawn)
9233	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61547
9234	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61547 :(Withdrawn)
9235	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61800-3
9236	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61812-1
9237	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62040-2



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**Accreditation Standard** ISO/IEC 17025:2017

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9238	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62052-11
9239	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62271-1
9240	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62271-100
9241	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62271-100
9242	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62271-100:(Withdrawn)
9243	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62271-102
9244	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	OIML TC12
9245	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	CE 101 Conducted Emission, power leads	MIL - STD-461E:(Withdrawn)
9246	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	CE 101 Conducted Emission, power leads	MIL - STD-461F:(Withdrawn)
9247	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	CE 102 Conducted Emission, power leads	MIL - STD-461E:(Withdrawn)
9248	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	CE 102 Conducted Emission, power leads	MIL - STD-461F:(Withdrawn)
9249	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Conducted common mode disturbances in the frequency range lower than 150 kHz	IEC 61543
9250	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Conducted common mode disturbances in the frequency range lower than 150 kHz	IEC 61008-1
9251	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Conducted common mode disturbances in the frequency range lower than 150 kHz	IEC 61009-1
9252	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Conducted common mode disturbances in the frequency range lower than 150 kHz	IS 12640 (Part 1)
9253	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Conducted common mode disturbances in the frequency range lower than 150 kHz	IS 12640 (Part 2)
9254	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	CS 116 Conducted Susceptibility Sinusoid transients, cable & power leads	MIL - STD-461E:(Withdrawn)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9255	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	CS 116 Conducted Susceptibility Sinusoid transients, cable & power leads	MIL - STD-461F:(Withdrawn)
9256	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	CS101 Conducted Susceptibility	MIL - STD-461E:(Withdrawn)
9257	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	CS101 Conducted Susceptibility	MIL - STD-461F:(Withdrawn)
9258	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	CS114 Conducted Susceptibility	MIL - STD-461E:(Withdrawn)
9259	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	CS114 Conducted Susceptibility	MIL - STD-461F:(Withdrawn)
9260	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	CS115 Conducted Susceptibility bulk cable injection impulse excitation	MIL - STD-461E:(Withdrawn)
9261	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	CS115 Conducted Susceptibility bulk cable injection impulse excitation	MIL - STD-461F:(Withdrawn)
9262	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 60255-26
9263	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 60870-2-1
9264	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 61000-4-12
9265	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 61008-1
9266	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 61009-1
9267	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62052-11 :(Withdrawn)
9268	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62053-22:(Withdrawn)
9269	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62053-23 :(Withdrawn)
9270	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62053-24:(Withdrawn)
9271	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62055-31
9272	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62271-1



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9273	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62271-100:(Withdrawn)
9274	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62271-102
9275	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEEE C37.90.1
9276	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IS 12640 (Part 1)
9277	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped Oscillatory wave Immunity Tests	IEC 61000-4-18
9278	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	EC 62052-22
9279	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	EN 61000-4-18 :(WITHDRAWN)
9280	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-21
9281	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-22
9282	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-23
9283	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-24
9284	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-31
9285	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-11
9286	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-21:(Withdrawn)
9287	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-22:(Withdrawn)
9288	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-23:(Withdrawn)
9289	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62053-21
9290	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62053-22
9291	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62053-23



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9292	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62053-24
9293	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62271-100
9294	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	AS/NZS 61000.6.2
9295	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	BSEN 50121-4
9296	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	BSEN 55024
9297	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	BSEN 61000-4-1
9298	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	BSEN 61008-1
9299	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	BSEN 61009-1
9300	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	CBIP Publication No. 304
9301	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	CBIP Publication No. 325
9302	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	CISPR 14-2
9303	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62052-31
9304	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60601-1-2 + AMEND 1:
9305	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-1
9306	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-3
9307	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-4-1
9308	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-5-2
9309	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61000-4-4
9310	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61326-1



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9311	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61439-1
9312	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61547
9313	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61800-3
9314	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62052-11
9315	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62052-21:(Withdrawn)
9316	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62052-22:(Withdrawn)
9317	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62052-23:(Withdrawn)
9318	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-21
9319	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-22
9320	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-23
9321	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-24
9322	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62236-1
9323	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62236-3-2
9324	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62271-100
9325	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 14697
9326	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	BSEN 55024
9327	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	CBIP Publication No. 304
9328	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	CBIP Publication No. 325
9329	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	CBIP-TR-111



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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9330	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	CISPR 14 -2
9331	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	CISPR 14-2:(Withdrawn)
9332	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	CISPR 24:(Withdrawn)
9333	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	CISPR 35
9334	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	EN 50121-4:(Withdrawn)
9335	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62052-31
9336	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60204-1
9337	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60255-26
9338	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60335-1:(Withdrawn)
9339	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60571
9340	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60601-1-2
9341	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60601-1-2:(Withdrawn)
9342	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60870-2-1
9343	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-1
9344	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-1 :(Withdrawn)
9345	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-2 + Amend 1
9346	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-2:(Withdrawn)
9347	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-3
9348	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-3:(Withdrawn)



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9349	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-4-1
9350	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-4-1:(Withdrawn)
9351	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-5-1
9352	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-5-2
9353	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-5-2:(Withdrawn)
9354	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61000-4-2
9355	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61000-6-1
9356	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61000-6-2
9357	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61008-1
9358	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61009-1
9359	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61326-1:(Withdrawn)
9360	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61439-1
9361	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61439-1:(Withdrawn)
9362	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61543
9363	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61547
9364	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61547 :(Withdrawn)
9365	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61800-3
9366	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61812-1
9367	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62040-2



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9368	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62052-11
9369	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62052-11 :(Withdrawn)
9370	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62052-21:(Withdrawn)
9371	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62052-23:(Withdrawn)
9372	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-21
9373	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-21 :(Withdrawn)
9374	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-22
9375	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-22:(Withdrawn)
9376	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-23
9377	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-23 :(Withdrawn)
9378	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-24
9379	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-24:(Withdrawn)
9380	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62055-31
9381	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62236-1
9382	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62236-3-2
9383	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC TR 61000-4-1
9384	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 12640 (Part 1)
9385	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 12640 (Part 2)
9386	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 13779 :(Withdrawn)



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9387	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 14614
9388	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 14697
9389	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 14697:(Withdrawn)
9390	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 14700(Part 4/Sec 2)
9391	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 15884
9392	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 16444 (Par 2)
9393	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 16444 (Part 1)
9394	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	NMI M 6.1
9395	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	OIML TC12
9396	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	CBIP Publication No. 251
9397	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 61000-3-12 + AMEMD1
9398	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 61000-3-2 + AMEMD-1
9399	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 61000-4-30 + AMEND1
9400	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 62236-1
9401	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 62236-3-2
9402	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	BSEN 55024
9403	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	BSEN 61000-4-1
9404	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	CBIP Publication No. 304



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9405	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	CBIP Publication No. 325
9406	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	CISPR 14 -2
9407	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62052-31
9408	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60601-1-2 with AMND 1
9409	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-1 :(Withdrawn)
9410	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-2 + AMEND 1
9411	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-3
9412	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-4-1
9413	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-5-2
9414	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61326-1
9415	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61439-1
9416	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61547
9417	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62052-11
9418	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62052-21:(Withdrawn)



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9419	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62052-22:(Withdrawn)
9420	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62052-23:(Withdrawn)
9421	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-21
9422	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-22
9423	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-23
9424	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-24
9425	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62236-1
9426	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62236-3-2
9427	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency immunity test	IEC 61000-4-16
9428	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	BSEN 55024
9429	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	CISPR 24:(Withdrawn)
9430	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	CISPR 35
9431	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	EN 50121-4:(Withdrawn)
9432	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60255-26
9433	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60601-1-2
9434	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60601-1-2



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9435	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60601-1-2:(Withdrawn)
9436	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60870-2-1
9437	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60947-1
9438	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60947-1 :(Withdrawn)
9439	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60947-2 + Amend 1
9440	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60947-2:(Withdrawn)
9441	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61000-4-8
9442	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61000-6-1
9443	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61000-6-2
9444	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61326-1
9445	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61326-1:(Withdrawn)
9446	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61439-1
9447	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61439-1:(Withdrawn)
9448	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61547
9449	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61547 :(Withdrawn)
9450	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61812-1
9451	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 62040-2
9452	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Pulse magnetic field immunity test	EN 61000-4-9
9453	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Pulse magnetic field immunity test	IEC 60870-2-1



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9454	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Pulse magnetic field immunity test	IEC 61000-4-9
9455	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	BSEN 61009-1
9456	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	CBIP Publication No. 304
9457	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	CBIP Publication No. 325
9458	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	CBIP-TR-111
9459	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	CISPR 14 -2
9460	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60601-1-2 + Amend 1
9461	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60947-1
9462	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60947-2 + Amend 1
9463	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60947-3
9464	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60947-4-1
9465	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 60947-5-2
9466	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61000-4-3
9467	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61326-1



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9468	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61439-1
9469	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61547
9470	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 61812-1
9471	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62052-11
9472	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62053-21
9473	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62053-22
9474	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62053-23
9475	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62053-24
9476	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62236-1
9477	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62236-3-2 (but limit 10V/m)
9478	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IS 14697
9479	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IS 14700 (Part 4/Sec 3)
9480	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	BSEN 50121-4:(Withdrawn)
9481	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	BSEN 55035



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MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9482	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	BS EN 61000-4-1
9483	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62052-31
9484	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62052-11 : (Withdrawn)
9485	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62052-11 : (Withdrawn)
9486	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62052-21: (Withdrawn)
9487	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62052-22: (Withdrawn)
9488	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radiated, radio frequency, Electromagnetic field immunity test	IEC 62052-23: (Withdrawn)
9489	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	CISPR 14 -1
9490	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	CISPR 14 -2
9491	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60601-1-2
9492	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-1
9493	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-2 + Amend 1



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9494	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-3
9495	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-4-1
9496	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-5-2
9497	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61000-6-3
9498	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61326-1
9499	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61439-1
9500	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-21
9501	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-22
9502	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-23
9503	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-24
9504	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62236-1



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**Certificate Number** TC-5389

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9505	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62236-3-2
9506	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62271-100
9507	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 10052 (Part 1)
9508	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 14697
9509	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 6873 (Part 2)
9510	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 6873 (Part 5)
9511	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	CISPR 14-1
9512	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	EN 50081-2
9513	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	EN 61009-1
9514	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	BSEN 50121-4
9515	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	BSEN 55011



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9516	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	BSEN 55015
9517	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	BSEN 55032
9518	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	BSEN 60034-1
9519	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	BSEN 61009-1
9520	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CBIP Publication No. 304
9521	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CBIP Publication No. 325
9522	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CBIP-TR-111
9523	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CISPR 11
9524	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CISPR 32
9525	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IEC 62052-31
9526	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IEC 62052-11



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9527	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IEC 62052-11 :(Withdrawn)
9528	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IEC 62052-21:(Withdrawn)
9529	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IEC 62052-22:(Withdrawn)
9530	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IEC 62052-23:(Withdrawn)
9531	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IS 16102 (Part 2)
9532	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CISPR 14-2:(Withdrawn)
9533	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	RE101- Radiated Emission- Magnetic Field- 30 Hz to 100 kHz	MIL - STD-461E:(Withdrawn)
9534	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	RE101- Radiated Emission- Magnetic Field- 30 Hz to 100 kHz	MIL - STD-461F:(Withdrawn)
9535	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	RE102 Radiated Emission	MIL - STD-461E:(Withdrawn)
9536	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	RE102 Radiated Emission	MIL - STD-461F:(Withdrawn)
9537	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test	EN 61000-4-12 :(WITHDRAWN)
9538	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test	IEC 62052-11
9539	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test	IEC 62053-21
9540	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test	IEC 62053-22



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9541	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test	IEC 62053-23
9542	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test	IEC 62053-24
9543	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test.	IEC 61008-1
9544	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test.	IEC 61009-1
9545	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test.	IEC 62271-100:(Withdrawn)
9546	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test.	IS 12640 (Part 1)
9547	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	RS 101- Radiated Susceptibility Magnetic field- 30 Hz to 100 kHz	MIL - STD-461E:(Withdrawn)
9548	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	RS 101-Radiated Susceptibility Magnetic field- 30 Hz to 100 kHz	MIL - STD-461F:(Withdrawn)
9549	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	RS 103 Radiated Susceptibility Electric field- 10 kHz to 18 GHz	MIL - STD-461E:(Withdrawn)
9550	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	RS 103 Radiated Susceptibility Electric field- 10 kHz to 18 GHz	MIL - STD-461F:(Withdrawn)
9551	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	BSEN 55024
9552	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	CISPR 14 -2
9553	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60601-1-2
9554	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-1
9555	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-2 + Amend 1
9556	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-3
9557	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-4-1
9558	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-5-2



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9559	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61326-1
9560	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61439-1
9561	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61543
9562	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61547
9563	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62052-11
9564	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-21
9565	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-22
9566	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-23
9567	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-24
9568	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62236-1
9569	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62236-3-2
9570	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 14697
9571	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 14700(Part 4/Sec 5)
9572	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 15884
9573	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	ITU K.20
9574	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	ITU K.41
9575	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	ITU K.44
9576	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz	IEC 61000-4-16



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9577	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronics product	Damp heat (cyclic & steady state)	QM 333
9578	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronics products	Cold storage test	QM 333
9579	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic (Static) Energy Meters	Fast Transient Burst Test.	IS 13779
9580	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic (Static) Energy Meters	Radio Interference Measurement.	IS 13779
9581	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic (Static) Energy Meters	Surge Immunity Test.	IS 13779
9582	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic (Static) Energy Meters	Test for Immunity to Electromagnetic HF Fields.	IS 13779
9583	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic (Static) Energy Meters	Test for Immunity to Electrostatic Discharge (ESD).	IS 13779
9584	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic products	Dry Heat Test	IEC 60068 (Part 2-14)
9585	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic products	Dry heat Test	QM 333
9586	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	DRY Heat Test	JSS 55555
9587	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Damp Heat (Cyclic) Test	IEC 60068-2-78
9588	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Damp Heat (Cyclic) Test	IEC:60068-2-30
9589	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Damp Heat (Cyclic) Test	IS:9000 (Part-V/Sec-1&2)
9590	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Damp Heat (Cyclic) Test	QM-333
9591	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	DRY Heat Test	IEC 60068-2-1
9592	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Dry Heat Test	IS:9000 (Part-III/Sec-1 to 5)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9593	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	DRY Heat Test	QM-333
9594	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Change of Temp	IS 9000 (Part-14/Sec-2)
9595	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Cold Storage Test	IEC 60068-2-1
9596	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Cold Storage Test	IEC 60068-2-2
9597	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Cold Storage Test	JSS 55555
9598	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Cold Storage Test	QM-333
9599	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Cold Test/Cold Storage Test	IS:9000 (Part-II/Sec-1 to 4)
9600	ELECTRONICS- ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Products	Temperature Change	IEC 60068-2-14 Test Nb
9601	ELECTRONICS- IT EQUIPMENT	Any IT equipments	protection against ingress of water	IEC 60950-1
9602	ELECTRONICS- IT EQUIPMENT	Any IT equipments	protection against ingress of water	IS 13252-1
9603	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Touch current and protective conductor current	IEC 60950-1
9604	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Abnormal operating and fault conditions	IEC 60950-1



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9605	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Access to energized parts and Battery compartments	IEC 60950-1
9606	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Access to hazardous voltage circuit wiring and Access to ELV wiring	IEC 60950-1
9607	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Clearances, creepage distances and distances through insulation	IEC 60950-1
9608	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Connection to a mains supply /Wiring terminals for connection of external conductors	IEC 60950-1
9609	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Connection to cable distribution systems	IEC 60950-1
9610	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Connection to telecommunication networks	IEC 60950-1
9611	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Discharge of capacitors in equipment/ Protection in service access areas/Protection in restricted access locations	IEC 60950-1
9612	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Disconnection from the mains supply/Interconnection of equipment	IEC 60950-1
9613	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Electric strength	IEC 60950-1



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9614	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Electrical insulation	IEC 60950-1
9615	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Energy hazards - d.c. mains supplies	IEC 60950-1
9616	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Energy hazards & Manual controls	IEC 60950-1
9617	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Limited current circuits	IEC 60950-1
9618	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Limited power sources	IEC 60950-1
9619	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Mechanical strength/Stability/Design and construction/Protection against hazardous moving parts	IEC 60950-1
9620	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Overcurrent and earth fault protection in primary circuits	IEC 60950-1
9621	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Power interface	IEC 60950-1
9622	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Provisions for earthing and bonding	IEC 60950-1



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**Accreditation Standard** ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9623	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Resistance to fire	IEC 60950-1
9624	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Safety interlocks	IEC 60950-1
9625	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	SELV circuits	IEC 60950-1
9626	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Thermal requirements	IEC 60950-1
9627	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	TNV circuits	IEC 60950-1
9628	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Wiring, connections and supply	IEC 60950-1
9629	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Abnormal operating and fault conditions	IS 13252-1
9630	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Access to energized parts and Battery compartments	IS 13252-1
9631	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Access to hazardous voltage circuit wiring and Access to ELV wiring	IS 13252-1



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9632	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Clearances, creepage distances and distances through insulation	IS 13252-1
9633	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Connection to a mains supply /Wiring terminals for connection of external conductors	IS 13252-1
9634	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Connection to cable distribution systems	IS 13252-1
9635	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Connection to telecommunication networks	IS 13252-1
9636	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Discharge of capacitors in equipment/ Protection in service access areas/Protection in restricted access locations	IS 13252-1
9637	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Disconnection from the mains supply/Interconnection of equipment	IS 13252-1
9638	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Electric strength	IS 13252-1
9639	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Electrical insulation	IS 13252-1
9640	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Energy hazards - d.c. mains supplies	IS 13252-1



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9641	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Energy hazards & Manual controls	IS 13252-1
9642	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Limited current circuits	IS 13252-1
9643	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Limited power sources	IS 13252-1
9644	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Marking and instructions	IEC 60950-1
9645	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Marking and instructions	IS 13252-1
9646	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Mechanical strength/Stability/Design and construction/Protection against hazardous moving parts	IS 13252-1
9647	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Overcurrent and earth fault protection in primary circuits	IS 13252-1
9648	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Power interface	IS 13252-1
9649	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Provisions for earthing and bonding	IS 13252-1



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9650	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Resistance to fire	IS 13252-1
9651	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Safety interlocks	IS 13252-1
9652	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	SELV circuits	IS 13252-1
9653	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Thermal requirements	IS 13252-1
9654	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	TNV circuits	IS 13252-1
9655	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Touch current and protective conductor current	IS 13252-1
9656	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Wiring, connections and supply	IS 13252-1
9657	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers, Others	Components	IS 13252-1



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9658	ELECTRONICS- IT EQUIPMENT	CPU/Disk drives/optical devices/Solid state drives/DIMM/Main board, GPU/USB devices/Wi-Fi Hub/ PCI extension cards, Keyboards, Monitors / VDUs/Modem, Network devices, Personal computers / Laptop / Note Book/tablets, Printers / scanner/Copier, Servers , Others	Components	IEC 60950-1
9659	ELECTRONICS- POWER SUPPLIES & STABILIZERS	GRID CONNECTED PHOTOVOLTAIC INVERTERS	Measurement of MPPT (Dynamic & Static) and Conversion Efficiency	EN 50530
9660	ELECTRONICS- POWER SUPPLIES & STABILIZERS	POWER CONDITIONERS	Loss measurement	IS/IEC 61683
9661	ELECTRONICS- POWER SUPPLIES & STABILIZERS	POWER CONDITIONERS	Measurement of Efficiency	IS/IEC 61683
9662	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for Use in Photovoltaic Power Systems -Particular Requirements for Inverters	Chemical Hazards	IS 16221-2; IEC 62109-2
9663	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for Use in Photovoltaic Power Systems -Particular Requirements for Inverters	Components	IS 16221-2; IEC 62109-2
9664	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for Use in Photovoltaic Power Systems -Particular Requirements for Inverters	Environmental Requirements and Conditions	IS 16221-2; IEC 62109-2
9665	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for Use in Photovoltaic Power Systems -Particular Requirements for Inverters	General Testing Requirements	IS 16221-2; IEC 62109-2
9666	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for Use in Photovoltaic Power Systems -Particular Requirements for Inverters	Marking	IS 16221-2; IEC 62109-2
9667	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for Use in Photovoltaic Power Systems -Particular Requirements for Inverters	Physical Requirements	IS 16221-2; IEC 62109-2
9668	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for Use in Photovoltaic Power Systems -Particular Requirements for Inverters	Protection against Electric shock and Energy Hazards	IS 16221-2; IEC 62109-2
9669	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for Use in Photovoltaic Power Systems -Particular Requirements for Inverters	Protection against Fire hazards	IS 16221-2; IEC 62109-2
9670	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for Use in Photovoltaic Power Systems -Particular Requirements for Inverters	Protection against Liquid Hazards	IS 16221-2; IEC 62109-2
9671	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for Use in Photovoltaic Power Systems -Particular Requirements for Inverters	Protection against Mechanical Hazards	IS 16221-2; IEC 62109-2
9672	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for Use in Photovoltaic Power Systems -Particular Requirements for Inverters	Protection against sonic pressure hazards	IS 16221-2; IEC 62109-2
9673	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for Use in Photovoltaic Power Systems -Particular Requirements for Inverters	Software and firmware performing safety functions	IS 16221-2; IEC 62109-2
9674	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for use in Photovoltaic Power Systems General requirement	Chemical Hazards	IS 16221-1; IEC 62109-1



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9675	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for use in Photovoltaic Power Systems General requirement	Components	IS 16221-1; IEC 62109-1
9676	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for use in Photovoltaic Power Systems General requirement	Environmental Requirements and Conditions	IS 16221-1; IEC 62109-1
9677	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for use in Photovoltaic Power Systems General requirement	General Testing Requirements	IS 16221-1; IEC 62109-1
9678	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for use in Photovoltaic Power Systems General requirement	Marking and documentation	IS 16221-1; IEC 62109-1
9679	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for use in Photovoltaic Power Systems General requirement	Physical Requirements	IS 16221-1; IEC 62109-1
9680	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for use in Photovoltaic Power Systems General requirement	Protection against Electric shock and Energy Hazards	IS 16221-1; IEC 62109-1
9681	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for use in Photovoltaic Power Systems General requirement	Protection against Fire hazards	IS 16221-1; IEC 62109-1
9682	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for use in Photovoltaic Power Systems General requirement	Protection against Liquid Hazards	IS 16221-1; IEC 62109-1
9683	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for use in Photovoltaic Power Systems General requirement	Protection against Mechanical Hazards	IS 16221-1; IEC 62109-1
9684	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for use in Photovoltaic Power Systems General requirement	Software and firmware performing safety functions	IS 16221-1; IEC 62109-1
9685	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Safety of Power Converters for use in Photovoltaic Power Systems General requirement	Protection against sonic pressure hazards	IS 16221-1; IEC 62109-1
9686	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Abnormal operating and fault conditions	IS 16242-1; IEC 62040-1
9687	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	AC and d.c power isolation	IS 16242-1; IEC 62040-1
9688	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Battery location	IS 16242-1; IEC 62040-1
9689	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Clearances creepage distance and distance through insulation	IS 16242-1; IEC 62040-1
9690	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Components	IS 16242-1; IEC 62040-1
9691	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Connection to telecommunication network	IS 16242-1; IEC 62040-1
9692	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Construction details	IS 16242-1; IEC 62040-1



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9693	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Electric strength	IS 16242-1; IEC 62040-1
9694	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Enclosure	IS 16242-1; IEC 62040-1
9695	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	General provisions for earth leakage	IS 16242-1; IEC 62040-1
9696	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Limited Current circuits	IS 16242-1; IEC 62040-1
9697	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Limited Power sources	IS 16242-1; IEC 62040-1
9698	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Marking and Instructions	IS 16242-1; IEC 62040-1
9699	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Mechanical strength	IS 16242-1; IEC 62040-1
9700	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Overcurrent and earth fault protection	IS 16242-1; IEC 62040-1
9701	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Power interface	IS 16242-1; IEC 62040-1
9702	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Protection against electric shock and energy hazard	IS 16242-1; IEC 62040-1
9703	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Protection of personnel- Safety Interlocks	IS 16242-1; IEC 62040-1
9704	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Protective earthing and bonding	IS 16242-1; IEC 62040-1
9705	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Resistance to fire	IS 16242-1; IEC 62040-1
9706	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Safety Extra low voltage circuits -SELV	IS 16242-1; IEC 62040-1
9707	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Stability	IS 16242-1; IEC 62040-1
9708	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Telephone network voltage circuits-TNV	IS 16242-1; IEC 62040-1
9709	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Temperature rise	IS 16242-1; IEC 62040-1
9710	ELECTRONICS- POWER SUPPLIES & STABILIZERS	Uninterruptible Power Systems (UPS) - part 1- general and safety requirement for UPS	Wiring connections and supply	IS 16242-1; IEC 62040-1



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9711	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Accessories for Earthwire	Galvanizing test (Uniformity of Zinc coating)	IS 2121(Part 3)
9712	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Accessories for Earthwire	Dimensional verification	IS 2121(Part 3)
9713	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Accessories for Earthwire	Galvanizing test (Mass of Zinc coating)	IS 2121(Part 3)
9714	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Accessories for Earthwire	Mechanical strength test	IS 2121(Part 3)
9715	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Accessories for Earthwire	Slip strength test	IS 2121(Part 3)
9716	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Accessories for Earthwire	Visual examination	IS 2121(Part 3)
9717	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Conductors, steel reinforced	Lay ratio	BS 215 : Part 2
9718	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Conductors, steel reinforced	Direction of lay	BS 215 : Part 2
9719	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Conductors, steel reinforced	Tolerances on diameter (Individual wire)	BS: 2627
9720	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Conductors, steel reinforced	Elongation	BS 215 : Part 2
9721	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Conductors, steel reinforced	Elongation	BS: 2627
9722	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Conductors, steel reinforced	Galvanizing test (Mass of Zinc coating)	BS 215 : Part 2
9723	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Conductors, steel reinforced	Joints in wires	BS 215 : Part 2
9724	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Conductors, steel reinforced	Joints in wires	BS: 2627



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9725	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Conductors, steel reinforced	Tensile test	BS 215 : Part 2
9726	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Conductors, steel reinforced	Tolerances on diameter (Individual wire)	BS: 215 : Part 1
9727	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Conductors, steel reinforced	Torsion	BS 215 : Part 2
9728	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Conductors, steel reinforced	Torsion	BS: 2627
9729	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Conductors, steel reinforced	Wrapping test	BS 215 : Part 2
9730	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Stranded Conductor	Visual examination/Freedom from defects	BS: 215 : Part 1
9731	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Stranded Conductor	Joints in wires	BS: 215 : Part 1
9732	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Stranded Conductor	Lay ratio	BS: 215 : Part 1
9733	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Stranded Conductor	Minimum breaking load for stranded diameter wire	BS: 215 : Part 1
9734	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Stranded Conductor	Tensile test (Individual wire)	BS: 215 : Part 1
9735	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Stranded Conductor	Tensile test (Individual wire)	BS: 2627
9736	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Stranded Conductor	Visual examination/Freedom from defects	BS: 2627
9737	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Stranded Conductor	Wrapping test (Individual wire)	BS: 215 : Part 1
9738	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Stranded Conductor	Wrapping test (Individual wire)	BS: 2627



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9739	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Alloy Stranded Conductor	Direction of Lay	IS: 398 (Part 4)
9740	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Alloy Stranded Conductor	Breaking load test	IS: 398 (Part 4)
9741	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Alloy Stranded Conductor	Elongation test	IS: 398 (Part 4)
9742	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Alloy Stranded Conductor	Freedom from defects	IS: 398 (Part 4)
9743	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Alloy Stranded Conductor	Joints in wires	IS: 398 (Part 4)
9744	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Alloy Stranded Conductor	Measurement of diameter (Nominal sizes)	IS: 398 (Part 4)
9745	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Alloy Stranded Conductor	Measurement of lay ratio	IS: 398 (Part 4)
9746	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced	Galvanizing test (Mass of Zinc coating)	IS: 398 (Part 2)
9747	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced	Galvanizing test (Uniformity of Zinc coating)	IS: 398 (Part 2)
9748	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced	Breaking load test	IS: 398 (Part 2)
9749	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced	Direction of Lay	IS: 398 (Part 2)
9750	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced	Ductility test i) Torsion test	IS: 398 (Part 2)
9751	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced	Ductility test ii) Elongation test	IS: 398 (Part 2)
9752	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced	Freedom from defects	IS: 398 (Part 2)



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9753	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced	Joints in wires	IS: 398 (Part 2)
9754	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced	Measurement of diameter	IS: 398 (Part 2)
9755	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced	Measurement of lay ratio	IS: 398 (Part 2)
9756	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced	Stress- Strain test	IS: 398 (Part 2)
9757	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced	Surface condition test (on stranded conductor)	IS: 398 (Part 2)
9758	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced	Ultimate load test	IS: 398 (Part 2)
9759	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced	Wrapping test	IS: 398 (Part 2)
9760	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced for extra high voltage	Galvanizing test (Mass of Zinc coating)	IS: 398 (Part 5)
9761	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced for extra high voltage	Ultimate load test	IS: 398 (Part 5)
9762	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced for extra high voltage	Breaking load test	IS: 398 (Part 5)
9763	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced for extra high voltage	Direction of Lay	IS: 398 (Part 5)
9764	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced for extra high voltage	Ductility test i) Torsion test	IS: 398 (Part 5)
9765	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced for extra high voltage	Ductility test ii) Elongation test	IS: 398 (Part 5)
9766	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced for extra high voltage	Galvanizing test (Uniformity of Zinc coating)	IS: 398 (Part 5)



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9767	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced for extra high voltage	Joints in wires	IS: 398 (Part 5)
9768	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced for extra high voltage	Measurement of diameter (Nominal sizes)	IS: 398 (Part 5)
9769	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced for extra high voltage	Measurement of lay ratio	IS: 398 (Part 5)
9770	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced for extra high voltage	Surface condition test (on stranded conductor)	IS: 398 (Part 5)
9771	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced for extra high voltage	Wrapping test	IS: 398 (Part 5)
9772	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum stranded Conductors	Breaking load test	IS: 398 (Part 1)
9773	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum stranded Conductors	Direction of Lay	IS: 398 (Part 1)
9774	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum stranded Conductors	Freedom from defects	IS: 398 (Part 1)
9775	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum stranded Conductors	Joints in wires	IS: 398 (Part 1)
9776	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum stranded Conductors	Measurement of diameter (Nominal Sizes)	IS: 398 (Part 1)
9777	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum stranded Conductors	Measurement of lay ratio	IS: 398 (Part 1)
9778	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum stranded Conductors	Wrapping test	IS: 398 (Part 1)
9779	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armour rods, binding wires & tapes for conductors	Slip strength test	IS 2121(Part 1)
9780	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armour rods, binding wires & tapes for conductors	Bend test	IS 2121(Part 1)



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9781	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armour rods, binding wires & tapes for conductors	Resilience test for armor-rod only	IS 2121(Part 1)
9782	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armour rods, binding wires & tapes for conductors	Tensile strength	IS 2121(Part 1)
9783	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armour rods, binding wires & tapes for conductors	Verification of dimensions	IS 2121(Part 1)
9784	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armour rods, binding wires & tapes for conductors	Visual examination	IS 2121(Part 1)
9785	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armour rods, binding wires & tapes for conductors	Wrapping test	IS 2121(Part 1)
9786	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Apparent Horizontal Shaer Strength Test	ASTM D4475
9787	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Bending Test	ASTM B987
9788	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Bending Test on Composite core	GETCO Specification
9789	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Bending Test on Composite core	MMCH/006
9790	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Bending Test on Composite core	PGCIL Specification
9791	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Brittle fracture test	GETCO Specification
9792	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Brittle fracture test	PGCIL Specification
9793	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Coefficient of liner exapansion for composite core	MMCH/042
9794	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Dimensions and Permissible Variations	ASTM B987



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9795	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Dye Penetrant Testing	ASTM B987
9796	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Dye Penetration Test	ASTM D 5117
9797	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Glass Transition Temperature	ASTM B987
9798	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Glass transition temperature test	ASTM D7028
9799	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Linear Thermal Expansion	ASTM E228
9800	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Strand Brittle Fracture	MMCH/022
9801	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Tensile test	ASTM B987
9802	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Workmanship, Finish, and Appearance	ASTM B987
9803	MECHANICAL- MECHANICAL PROPERTIES OF METALS	COMPRESSION TYPE TUBULAR IN-LINE CONNECTORS FOR ALUMINIUM CONDUCTORS OF INSULATED CABLES	Dimension	IS 8308
9804	MECHANICAL- MECHANICAL PROPERTIES OF METALS	COMPRESSION TYPE TUBULAR IN-LINE CONNECTORS FOR ALUMINIUM CONDUCTORS OF INSULATED CABLES	Electrical conductivity	IS 8308
9805	MECHANICAL- MECHANICAL PROPERTIES OF METALS	COMPRESSION TYPE TUBULAR IN-LINE CONNECTORS FOR ALUMINIUM CONDUCTORS OF INSULATED CABLES	Flattening	IS 8308
9806	MECHANICAL- MECHANICAL PROPERTIES OF METALS	COMPRESSION TYPE TUBULAR IN-LINE CONNECTORS FOR ALUMINIUM CONDUCTORS OF INSULATED CABLES	Visual examination	IS 8308
9807	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Compression type tubular terminal ends for Aluminium conductors of insulated cables	Dimension	IS 8309
9808	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Compression type tubular terminal ends for Aluminium conductors of insulated cables	Electrical conductivity	IS 8309



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9809	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Compression type tubular terminal ends for Aluminium conductors of insulated cables	Flattening	IS 8309
9810	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Compression type tubular terminal ends for Aluminium conductors of insulated cables	Visual examination	IS 8309
9811	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Rod for Electrical Purposes	percentage Elongation test	ASTM B 49
9812	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper Rod for Electrical Purposes	Tensile Tests	ASTM B 49
9813	MECHANICAL-MECHANICAL PROPERTIES OF METALS	COPPER RODS AND BARS FOR ELECTRICAL PURPOSES	Bend test	IS 613
9814	MECHANICAL-MECHANICAL PROPERTIES OF METALS	COPPER RODS AND BARS FOR ELECTRICAL PURPOSES	Elongation test	IS 613
9815	MECHANICAL-MECHANICAL PROPERTIES OF METALS	COPPER RODS AND BARS FOR ELECTRICAL PURPOSES	Tensile Test	IS 613
9816	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper strips	Elongation test	IS 1897
9817	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper strips	Freedom from defect	IS 1897
9818	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper strips	Tensile strength	IS 1897
9819	MECHANICAL-MECHANICAL PROPERTIES OF METALS	EC grade Aluminum rod	Dimension & permissible variations	IS 5484
9820	MECHANICAL-MECHANICAL PROPERTIES OF METALS	EC grade Aluminum rod	Tensile strength	IS 5484
9821	MECHANICAL-MECHANICAL PROPERTIES OF METALS	EC grade Aluminum rod	Tensile strength	IS 9997
9822	MECHANICAL-MECHANICAL PROPERTIES OF METALS	EC grade Aluminum rod	Dimension & permissible variations	IS 9997



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC,  
MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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9823	MECHANICAL- MECHANICAL PROPERTIES OF METALS	EC grade Aluminum rod	Finish & freedom from defects	IS 5484
9824	MECHANICAL- MECHANICAL PROPERTIES OF METALS	EC grade Aluminum rod	Finish & freedom from defects	IS 9997
9825	MECHANICAL- MECHANICAL PROPERTIES OF METALS	EC grade Aluminum rod	Percentage elongation	IS 9997
9826	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Electric Power Connectors	Dimensional check	IS 5561
9827	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Electric Power Connectors	Galvanizing test	IS 5561
9828	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Electric Power Connectors	Pull out strength test	IS 5561
9829	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Electric Power Connectors	Visual examination	IS 5561
9830	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Galvanised steel sheets	Galvanizing test (Mass of Zinc coating)	IS: 277
9831	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Galvanised steel sheets	Galvanizing test (Uniformity of Zinc coating)	IS: 277
9832	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Galvanised steel sheets	Dimension & Tolerances	IS: 277
9833	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Galvanised steel sheets	Freedom from defect	IS: 277
9834	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Galvanised steel sheets	Galvanizing test (Adhesion test)	IS: 277
9835	MECHANICAL- MECHANICAL PROPERTIES OF METALS	GALVANIZED STRAND FOR EARTHING	Breaking force	IS 12776
9836	MECHANICAL- MECHANICAL PROPERTIES OF METALS	GALVANIZED STRAND FOR EARTHING	Dimensions & tolerances	IS 12776



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9837	MECHANICAL- MECHANICAL PROPERTIES OF METALS	GALVANIZED STRAND FOR EARTHING	Elongation	IS 12776
9838	MECHANICAL- MECHANICAL PROPERTIES OF METALS	GALVANIZED STRAND FOR EARTHING	Lay	IS 12776
9839	MECHANICAL- MECHANICAL PROPERTIES OF METALS	GALVANIZED STRAND FOR EARTHING	Lay length	IS 12776
9840	MECHANICAL- MECHANICAL PROPERTIES OF METALS	GALVANIZED STRAND FOR EARTHING	Mass of Zinc coating	IS 12776
9841	MECHANICAL- MECHANICAL PROPERTIES OF METALS	GALVANIZED STRAND FOR EARTHING	Tensile strength	IS 12776
9842	MECHANICAL- MECHANICAL PROPERTIES OF METALS	GALVANIZED STRAND FOR EARTHING	Torsion test	IS 12776
9843	MECHANICAL- MECHANICAL PROPERTIES OF METALS	GALVANIZED STRAND FOR EARTHING	Uniformity of Zinc coating	IS 12776
9844	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires for concrete reinforcement	Bend test	IS: 1786
9845	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires for concrete reinforcement	Nominal mass	IS: 1786
9846	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires for concrete reinforcement	Percentage Elongation	IS 1786
9847	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires for concrete reinforcement	Tensile strength	IS: 1786
9848	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires for concrete reinforcement	Tolerance on dimensions	IS: 1786
9849	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires for concrete reinforcement	Yield stress	IS: 1786
9850	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Dipped Galvanised Stay strand	Galvanizing test (Adhesion test)	IS: 2141



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9851	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Dipped Galvanised Stay strand	Galvanizing test (Mass of Zinc coating)	IS: 2141
9852	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Dipped Galvanised Stay strand	Tolerance on wire diameter	IS: 2141
9853	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Dipped Galvanised Stay strand	Ductility test	IS: 2141
9854	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Dipped Galvanised Stay strand	Elongation test	IS: 2141
9855	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Dipped Galvanised Stay strand	Freedom from defect	IS: 2141
9856	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Dipped Galvanised Stay strand	Galvanizing test (Uniformity of Zinc coating)	IS: 2141
9857	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Dipped Galvanised Stay strand	Lay	IS: 2141
9858	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Dipped Galvanised Stay strand	Lay length	IS: 2141
9859	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Dipped Galvanised Stay strand	Tensile strength (Minimum breaking force)	IS: 2141
9860	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HOT ROLLED MEDIUM AND HIGH TENSILE STRUCTURAL STEEL	Bend test	IS 2062
9861	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HOT ROLLED MEDIUM AND HIGH TENSILE STRUCTURAL STEEL	Freedom form defects	IS 2062
9862	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HOT ROLLED MEDIUM AND HIGH TENSILE STRUCTURAL STEEL	Calculation of mass	IS 2062
9863	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HOT ROLLED MEDIUM AND HIGH TENSILE STRUCTURAL STEEL	Percentage Elongation	IS 2062
9864	MECHANICAL- MECHANICAL PROPERTIES OF METALS	HOT ROLLED MEDIUM AND HIGH TENSILE STRUCTURAL STEEL	Tensile strength	IS 2062



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9865	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HOT ROLLED MEDIUM AND HIGH TENSILE STRUCTURAL STEEL	Verification of dimensions	IS 2062
9866	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HOT ROLLED MEDIUM AND HIGH TENSILE STRUCTURAL STEEL	Yield stress	IS 2062
9867	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot-Dip galvanizing of iron and steel	Galvanizing test (Adhesion test)	IS:2629
9868	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot-Dip galvanizing of iron and steel	Galvanizing test (Mass of Zinc coating)	IS:2629
9869	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot-Dip galvanizing of iron and steel	Galvanizing test (Uniformity of Zinc coating)	IS:2629
9870	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot-Dipped galvanized coatings on round steel wires	Galvanizing test (Adhesion test)	IS: 4826
9871	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot-Dipped galvanized coatings on round steel wires	Galvanizing test (Uniformity of Zinc coating)	IS: 4826
9872	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot-Dipped galvanized coatings on round steel wires	Freedom from defects	IS: 4826
9873	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot-Dipped galvanized coatings on round steel wires	Galvanizing test (Mass of Zinc coating)	IS: 4826
9874	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Adherence of Coating Test	ASTM B498
9875	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Adherence of Coating Test	ASTM B957
9876	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Adherence of Coating Test	ASTM B958
9877	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Adherence of zinc coating	IEC 60888
9878	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Adhesion	IS: 4826



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9879	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Elongation	IEC 62219
9880	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Wire Diameter Size	IEC 62219
9881	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Bending Test on Aluminium clad core	MMCH/009
9882	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Bending Test on Aluminium clad core	PGCIL Specification
9883	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Bending Test on Aluminium clad core	GETCO Specification
9884	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Breaking strength of wires	IEC 61089
9885	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Breaking Strength of wires after stranding	IEC 62420
9886	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Compression test	GETCO Specification
9887	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Compression test	PGCIL Specification
9888	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Compression	MMCH/007
9889	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Continuity of coating	IEC 60888
9890	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Diameter	ASTM B857
9891	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Diameter	ASTM B941
9892	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Diameter and tolerance on diameter	IEC 60888



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9893	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Diameter and tolerance on diameter	IEC 62004
9894	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Diameter Measurements	ASTM B609
9895	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Diameter tolerance	SS 4240813
9896	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Dimensional check	GETCO Specification
9897	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Dimensions & Permissible Variations	ASTM B415
9898	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Dimensions & Permissible Variations	ASTM B498
9899	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Dimensions & Permissible Variations	ASTM B502
9900	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Dimensions & Permissible Variations	ASTM B957
9901	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Dimensions, Mass, & Permissible Variations	ASTM B958
9902	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Elongation	SS 4240813
9903	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Elongation	SS 4240814
9904	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Elongation test	ASTM B957
9905	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Elongation test	ASTM B958
9906	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Elongation test	IEC 60888



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9907	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Elongation test	IEC 61232
9908	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Elongation test	IEC 62004
9909	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Heat Resistance	ASTM B941
9910	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Heat resistance test	GETCO Specification
9911	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Heat resistance test	MMCH/018
9912	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Heat resistance test	PGCIL Specification
9913	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Qualification test for Weldied joints	MMCH/032
9914	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Qualification test for Weldied joints	PGCIL Specification
9915	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Strength	SS 4240813
9916	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Tensile Strength	ASTM B415
9917	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Tensile Strength	ASTM B609
9918	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Tensile Strength & Elongation	ASTM B941
9919	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Tensile stress	IEC 62004
9920	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Tensile test	IEC 60888



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9921	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Tensile test	IEC 61232
9922	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Thermal resistance	IEC 62004
9923	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Tolerances on nominal diameter of wires	IEC 61232
9924	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Torsion test	ASTM B502
9925	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Torsion test	IEC 60888
9926	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Torsion test	IEC 61232
9927	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Twist Test	ASTM B415
9928	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Wrap Test	ASTM B498
9929	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Wrap Test	ASTM B941
9930	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Wrap Test	ASTM B957
9931	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Wrap Test	ASTM B958
9932	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Wrapping test	IEC 60888
9933	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Wrapping test	IEC 62004
9934	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Wrapping test	SS 4240813



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9935	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Diameter and tolerance on diameter	IEC 60889
9936	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Mass	SS 4240813
9937	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Mass of Zinc Coating	IEC 60888
9938	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Tensile test	IEC 60889
9939	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Variation in Area	ASTM B857
9940	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Wrapping test	IEC 60889
9941	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ZTACTR/TACSR/ACSS/HTLS)	Breaking strength of wires	IEC 62219
9942	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal fittings of insulators for overhead power lines with nominal voltage greater than 1000 V (General requirements and tests)	Galvanizing test (Mass of Zinc coating)	IS 2486 (Part 1)
9943	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal fittings of insulators for overhead power lines with nominal voltage greater than 1000 V (General requirements and tests)	Slip strength test	IS 2486 (Part 1)
9944	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal fittings of insulators for overhead power lines with nominal voltage greater than 1000 V (General requirements and tests)	Verification of dimensions	IS 2486 (Part 1)
9945	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal fittings of insulators for overhead power lines with nominal voltage greater than 1000 V (General requirements and tests)	Freedom from defects (visual examination & Protection against corrosion)	IS 2486 (Part 1)
9946	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal fittings of insulators for overhead power lines with nominal voltage greater than 1000 V (General requirements and tests)	Galvanizing test (Uniformity of Zinc coating)	IS 2486 (Part 1)
9947	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal fittings of insulators for overhead power lines with nominal voltage greater than 1000 V (General requirements and tests)	Mechanical strength test (Ultimate strength test)	IS 2486 (Part 1)
9948	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Components	Bend test	IS: 1599



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9949	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Components	Percentage Elongation	IS: 1608 (pt. 1)
9950	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Components	Tensile strength	IS: 1608 (pt. 1)
9951	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Components	Wrapping test	IS: 1755
9952	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Components	Yield strength	IS: 1608 (pt. 1)
9953	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mid-span Joints and Repair Sleeves for conductors	Dimensional verification	IS 2121(Part 2)
9954	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mid-span Joints and Repair Sleeves for conductors	Galvanizing test (Mass of Zinc coating)	IS 2121(Part 2)
9955	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mid-span Joints and Repair Sleeves for conductors	Galvanizing test (Uniformity of Zinc coating)	IS 2121(Part 2)
9956	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mid-span Joints and Repair Sleeves for conductors	Failing load test	IS 2121(Part 2)
9957	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mid-span Joints and Repair Sleeves for conductors	Visual examination	IS 2121(Part 2)
9958	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mild steel wires for general use purposes	Galvanizing test (Mass of Zinc coating)	IS 280
9959	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mild steel wires for general use purposes	Galvanizing test (Uniformity of Zinc coating)	IS 280
9960	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mild steel wires for general use purposes	Tensile test	IS: 280
9961	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mild steel wires for general use purposes	Bend test	IS: 280
9962	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mild steel wires for general use purposes	Freedom from defect	IS: 280



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9963	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mild steel wires for general use purposes	Tolerance on diameter	IS: 280
9964	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Mild steel wires for general use purposes	Wrapping test	IS 280
9965	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non-Tension Joints	Galvanizing test (Uniformity of Zinc coating)	IS 2121(Part 4)
9966	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non-Tension Joints	Galvanizing test (Mass of Zinc coating)	IS 2121(Part 4)
9967	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non-Tension Joints	Mechanical test	IS 2121(Part 4)
9968	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non-Tension Joints	Verification of dimensions	IS 2121(Part 4)
9969	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non-Tension Joints	Visual examination	IS 2121(Part 4)
9970	MECHANICAL- MECHANICAL PROPERTIES OF METALS	OPGW	creep test on stranded conductor	IEEE 1138
9971	MECHANICAL- MECHANICAL PROPERTIES OF METALS	OPGW	Salt Spray Test	IEEE 1138
9972	MECHANICAL- MECHANICAL PROPERTIES OF METALS	OPGW	Seepage of flooding compound test	IEEE 1138
9973	MECHANICAL- MECHANICAL PROPERTIES OF METALS	OPGW	Stress- Strain test	IEEE 1138
9974	MECHANICAL- MECHANICAL PROPERTIES OF METALS	OPGW	Ultimate tensile strength	IEEE 1138
9975	MECHANICAL- MECHANICAL PROPERTIES OF METALS	OPGW	Water Ingress test	IEEE 1138
9976	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Optical Ground Wire (OPGW)	creep test on stranded conductor	IEEE 1138



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9977	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Optical Ground Wire (OPGW)	Salt spray	IEEE 1138
9978	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Optical Ground Wire (OPGW)	Salt Spray Test	IEEE 1138
9979	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Optical Ground Wire (OPGW)	Seepage of flooding compound test	IEEE 1138
9980	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Optical Ground Wire (OPGW)	Stress- Strain test	IEEE 1138
9981	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Optical Ground Wire (OPGW)	Ultimate tensile strength	IEEE 1138
9982	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Optical Ground Wire (OPGW)	Water Ingress test	IEEE 1138
9983	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Paper Covered Copper samples	Elongation test	IS 13730 (Part-27)
9984	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Paper Covered Copper samples	Freedom from defect	IS 613
9985	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Paper Covered Copper samples	Maximum overall dimensions(Covered size)	IS 13730 (Part-27)
9986	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Paper Covered Copper samples	Tolerance on conductor dimensions	IS 13730 (Part-27)
9987	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	creep test on stranded conductor	EN 61395
9988	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Aeolian Vibration Test	GETCO Specification
9989	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Aeolian Vibration Test	MMCH/004
9990	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Aeolian Vibration Test	PGCIL Specification



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9991	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Axial Impact Test	PGCIL Specification
9992	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Breaking Load Test	IS 398 (Part 2)
9993	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Breaking Load Test	IS 398 (Part 5)
9994	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Breaking strength of conductor	IEC 62420
9995	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Creep	SS 4240814
9996	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	creep test	AS 3822
9997	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	creep test	IEC 61395
9998	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Creep test on stranded Conductor	PGCIL Specification
9999	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	High temperature endurance & creep test on stranded conductor	GETCO Specification
10000	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	High temperature endurance & creep test on stranded conductor	MMCH/025
10001	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	High temperature endurance Test	PGCIL Specification
10002	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Inertness test	EN 50182
10003	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Lay length & Direction of Lay	ASTM B857
10004	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Lay length & Lay Ratio	AS 3822



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10005	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Lay Ratio	SS 4240814
10006	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Lay Ratio & Direction of Lay	EN 50182
10007	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Lay Ratio & Direction of Lay	IEC 61089
10008	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Lay Ratio & Direction of Lay	IEC 62420
10009	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Lay-ratios of Various Layers	MMCH/027
10010	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Lay-ratios of Various Layers	PGCIL Specification
10011	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Radial Crush Test	PGCIL Specification
10012	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Rated Strength of Conductor	ASTM B857
10013	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Salt Spray test	MMCH/034
10014	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Salt Spray test	PGCIL Specification
10015	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Sheaves Test	PGCIL Specification
10016	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Stranding	ASTM B500
10017	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Strength	SS 4240814
10018	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Stress- Strain Curves on complete conductor	EN 50182



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10019	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Stress- Strain test	IEC 61089
10020	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Stress- Strain Test	IS 398 (Part 2)
10021	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Stress- Strain test on stranded conductor and core at elevated temperature	GETCO Specification
10022	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Stress- Strain test on stranded conductor and core at elevated temperature	MMCH/024
10023	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Stress- Strain test on stranded conductor and core at elevated temperature	PGCIL Specification
10024	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Stress/Strain	AS 3822
10025	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Surface condition test	GETCO Specification
10026	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Temperature Cycle Test	GETCO Specification
10027	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Temperature Cycle Test	MMCH/005
10028	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Temperature Cycle Test	PGCIL Specification
10029	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Tensile Breaking Strength on complete conductor	EN 50182
10030	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Tensile test on conductor	IEC 61089
10031	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Torsional Ductility Test	PGCIL Specification
10032	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Ultimate tensile strength at elevated temp.	GETCO Specification



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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10033	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Ultimate tensile strength at elevated temp.	MMCH/041
10034	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Ultimate tensile strength at elevated temp.	PGCIL Specification
10035	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Ultimate tensile strength at room temperature	GETCO Specification
10036	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Ultimate tensile strength at room temperature	MMCH/041
10037	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Ultimate tensile strength at room temperature	PGCIL Specification
10038	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Axial Impact Test	GETCO Specification
10039	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Axial Impact Test	MMCH/001
10040	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Radial Crush Test	MMCH/002
10041	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Salt Spray Test	ASTM B117
10042	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Sheaves Test	GETCO Specification
10043	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Sheaves Test	MMCH/008
10044	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Torsional Ductility Test	GETCO Specification
10045	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Torsional Ductility Test	MMCH/003
10046	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Conductor Diameter	EN 50182



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10047	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Creep Test	IEC 62219
10048	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Cross-sectional area	IEC 62420
10049	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Finish	ASTM B415
10050	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Finish	ASTM B502
10051	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Finish	ASTM B609
10052	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Finish	ASTM B941
10053	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Freedom from defects	IEC 60888
10054	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Freedom from defects	IEC 60889
10055	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Freedom from defects	IEC 61232
10056	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Freedom from defects	IEC 62004
10057	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Joining	SS 4240813
10058	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Joining	SS 4240814
10059	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Joints	ASTM B415
10060	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Joints	ASTM B500



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10061	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Joints	ASTM B857
10062	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Joints	ASTM B941
10063	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Joints	EN 50182
10064	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Joints	IEC 60888
10065	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Joints	IEC 60889
10066	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Joints	IEC 61089
10067	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Joints	IEC 61232
10068	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Joints	IEC 62004
10069	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Joints in aluminium wires	IEC 62219
10070	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Joints in aluminium wires	IEC 62420
10071	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Lay Ratio & Direction of Lay	IEC 62219
10072	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Lay-ratios of Various Layers	GETCO Specification
10073	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Mass	SS 4240814
10074	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Mass Per Unit Length	EN 50182



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10075	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Stress Strain curves	IEC 62219
10076	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Surface condition	EN 50182
10077	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Surface condition	IEC 61089
10078	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Surface condition	IEC 62420
10079	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Surface Conditon Test	IEC 62219
10080	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Tensile test on conductor	IEC 62219
10081	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Workmanship	ASTM B500
10082	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Workmanship	SS 4240813
10083	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Workmanship	SS 4240814
10084	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Workmanship, Finish & Appearance	ASTM B498
10085	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Workmanship, Finish & Appearance	ASTM B857
10086	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Workmanship, Finish & Appearance	ASTM B957
10087	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor (AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTACSR/ACCR/A CFR/AL59/HTLS)	Workmanship, Finish & Appearance	ASTM B958
10088	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Stranded Conductor(AA/AAA/ACSR/ZTACTR/TACSR/ACSS/ACCC/GTAC SR/ACCR/ACFR/AL59/HTLS)	Conductor Diameter	IEC 61089



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10089	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Zinc coated articles	Uniformity of Zinc coating	IS 2633
10090	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Zinc coated iron and steel articles	Mass of Zinc coating	IS 6745
10091	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Damp heat test	IEC:61215-1-1 (Withdrawn)
10092	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Damp heat test	IEC:61215-2
10093	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Damp heat test	IEC:61215-2 (Withdrawn)
10094	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Damp heat test	IS:14286
10095	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Humidity freeze test	IEC:61215-1-1
10096	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Humidity freeze test	IEC:61215-1-1 (Withdrawn)
10097	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Humidity freeze test	IEC:61215-2
10098	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Humidity freeze test	IEC:61215-2 (Withdrawn)
10099	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Humidity freeze test	IS:14286
10100	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Insulation test	IEC:61215-1-1
10101	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Insulation test	IEC:61215-1-1 (Withdrawn)
10102	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Insulation test	IEC:61215-2
10103	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Insulation test	IEC:61215-2 (Withdrawn)
10104	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Maximum power determination	IEC:61215-1-1
10105	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Maximum power determination	IEC:61215-1-1 (Withdrawn)
10106	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Maximum power determination	IEC:61215-2



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10107	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Maximum power determination	IEC:61215-2 (Withdrawn)
10108	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Measurement of temperature co-efficient	IEC:61215-1-1
10109	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Measurement of temperature co-efficient	IEC:61215-1-1 (Withdrawn)
10110	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Measurement of temperature co-efficient	IEC:61215-2
10111	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Measurement of temperature co-efficient	IEC:61215-2 (Withdrawn)
10112	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Measurement of temperature co-efficient	IS:14286
10113	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Performance at low irradiance	IEC:61215-1-1
10114	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Performance at low irradiance	IEC:61215-1-1 (Withdrawn)
10115	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Performance at low irradiance	IEC:61215-2
10116	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Performance at low irradiance	IEC:61215-2 (Withdrawn)
10117	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Performance at low irradiance	IS:14286
10118	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Performance at STC	IEC:61215-1-1
10119	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Performance at STC	IEC:61215-1-1 (Withdrawn)
10120	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Performance at STC	IEC:61215-2
10121	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Performance at STC	IEC:61215-2 (Withdrawn)
10122	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Performance at STC	IS/IEC 61730-2
10123	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Performance at STC	IS:14286
10124	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Thermal cycling test	IEC:61215-1-1 (Withdrawn)
10125	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Thermal cycling test	IEC:61215-2



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10126	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Thermal cycling test	IEC:61215-2 (Withdrawn)
10127	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Thermal cycling test	IS:14286
10128	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Visual inspection	IEC:61215-1-1
10129	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Visual inspection	IEC:61215-2
10130	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Visual inspection	IEC:61215-2 (Withdrawn)
10131	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Damp heat test	IS/IEC 61730-2
10132	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Humidity freeze test	IS/IEC 61730-2
10133	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Insulation test	IS/IEC 61730-2
10134	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Thermal cycling test	IS/IEC 61730-2
10135	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Visual inspection	IS/IEC 61730-2
10136	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Visual inspection	IS:14286
10137	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Damp heat test	IEC:61215-1-1
10138	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Visual inspection	IEC:61215-1-1 (Withdrawn)
10139	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Maximum power determination	IS/IEC 61730-2
10140	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Insulation test	IS:14286
10141	MECHANICAL- SOLAR PANEL	Photovoltaic (PV) modules	Maximum power determination	IS:14286
10142	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for Agricultural Purposes	Endurance test	IS 11170
10143	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for Agricultural Purposes	Final inspection test	IS 11170



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10144	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for Agricultural Purposes	Lubricating oil consumption	IS 11170
10145	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for Agricultural Purposes	Marking	IS 11170
10146	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for Agricultural Purposes	Preliminary run	IS 11170
10147	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for Agricultural Purposes	Preparation for tests and measurement for wear	IS 11170
10148	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for Agricultural Purposes	Final Performance test	IS 11170
10149	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for Agricultural Purposes	Initial Performance test	IS 11170
10150	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Above 19 kW)	Endurance test	IS 10002
10151	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Above 19 kW)	Final inspection test	IS 10002
10152	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Above 19 kW)	Final Performance test	IS 10002
10153	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Above 19 kW)	Governing test	IS 10002
10154	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Above 19 kW)	Initial Performance test	IS 10002
10155	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Above 19 kW)	Lubricating oil consumption	IS 10002
10156	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Above 19 kW)	Marking	IS 10002
10157	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Above 19 kW)	Preliminary run	IS 10002



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10158	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Above 19 kW)	Preparation for tests and measurement for wear	IS 10002
10159	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Upto 19 kW)	Endurance test	IS 10001
10160	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Upto 19 kW)	Final inspection test	IS 10001
10161	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Upto 19 kW)	Final Performance test	IS 10001
10162	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Upto 19 kW)	Governing test	IS 10001
10163	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Upto 19 kW)	Initial Performance test	IS 10001
10164	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Upto 19 kW)	Lubricating oil consumption	IS 10001
10165	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Upto 19 kW)	Marking	IS 10001
10166	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Upto 19 kW)	Preliminary run	IS 10001
10167	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Compression Ignition (Diesel) Engines for General Purposes (Upto 19 kW)	Preparation for tests and measurement for wear	IS 10001
10168	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Engine monoset pumps for clear, cold, fresh water for agricultural purposes	Design features	IS 11501
10169	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Engine monoset pumps for clear, cold, fresh water for agricultural purposes	Direction of rotation	IS 11501
10170	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Engine monoset pumps for clear, cold, fresh water for agricultural purposes	General requirements (Casing-withstand pressure)	IS 11501
10171	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Engine monoset pumps for clear, cold, fresh water for agricultural purposes	General requirements (Impeller)	IS 11501



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10172	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Engine monoset pumps for clear, cold, fresh water for agricultural purposes	General requirements (Shaft)	IS 11501
10173	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Engine monoset pumps for clear, cold, fresh water for agricultural purposes	Marking	IS 11501
10174	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Engine monoset pumps for clear, cold, fresh water for agricultural purposes	Material of construction	IS 11501
10175	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Engine monoset pumps for clear, cold, fresh water for agricultural purposes	Pump testing (Priming time)	IS 11501
10176	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Engine monoset pumps for clear, cold, fresh water for agricultural purposes	Pump testing (Pump performance)	IS 11501
10177	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Foot valves, Reflux valves or Non return valves and Bore valves	Checks for internal threads of screwed ends	IS 10805
10178	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Foot valves, Reflux valves or Non return valves and Bore valves	Coating	IS 10805
10179	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Foot valves, Reflux valves or Non return valves and Bore valves	Dimension test	IS 10805
10180	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Foot valves, Reflux valves or Non return valves and Bore valves	Housing test	IS 10805
10181	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Foot valves, Reflux valves or Non return valves and Bore valves	K- value test	IS 10805
10182	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Foot valves, Reflux valves or Non return valves and Bore valves	Marking	IS 10805
10183	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Foot valves, Reflux valves or Non return valves and Bore valves	Materials	IS 10805
10184	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Foot valves, Reflux valves or Non return valves and Bore valves	Seat test	IS 10805
10185	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Small Size Spark Ignition Engines	Rating test including the fuel consumption test	IS 7347



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10186	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Small Size Spark Ignition Engines	Endurance test	IS 7347
10187	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Small Size Spark Ignition Engines	Governing test	IS 7347
10188	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Small Size Spark Ignition Engines	Lubricating oil consumption	IS 7347
10189	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Small Size Spark Ignition Engines	Marking	IS 7347
10190	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Small Size Spark Ignition Engines	No load and low speed test	IS 7347
10191	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Small Size Spark Ignition Engines	Preparation for tests	IS 7347
10192	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Small Size Spark Ignition Engines	Rating test after endurance test	IS 7347
10193	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Small Size Spark Ignition Engines	Reassembly, starting test and no load running	IS 7347
10194	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Small Size Spark Ignition Engines	Starting test	IS 7347
10195	MECHANICAL- SUB ASSEMBLY/ANCILLARIES/ACCESSORIES	Small Size Spark Ignition Engines	Strip examination for checking of various components	IS 7347
10196	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements"	Dimensions	IEC: 60969
10197	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements"	Lamp Efficacy	IEC: 60969
10198	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements"	Lamp wattage	IEC: 60969
10199	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements"	Lumen maintenance and Life test requirements.	IEC: 60969



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10200	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements"	Marking	IEC: 60969
10201	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements"	Starting & Run-up	IEC: 60969
10202	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted fluorescent lamps for general lighting services - Safety requirements"	"Protection against electric shock "	IEC:60968
10203	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted fluorescent lamps for general lighting services - Safety requirements"	Cap temperature rise.	IEC:60968
10204	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted fluorescent lamps for general lighting services - Safety requirements"	Creepage distances and clearances	IEC:60968
10205	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted fluorescent lamps for general lighting services - Safety requirements"	Fault conditions	IEC:60968
10206	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted fluorescent lamps for general lighting services - Safety requirements"	Interchangeability, mass and bending moment	IEC:60968
10207	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted fluorescent lamps for general lighting services - Safety requirements"	Mechanical strength	IEC:60968
10208	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted fluorescent lamps for general lighting services - Safety requirements"	Resistance to flame & Ignition	IEC:60968
10209	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted fluorescent lamps for general lighting services - Safety requirements"	Resistance to heat	IEC:60968
10210	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted fluorescent lamps for general lighting services - Safety requirements"	Marking	IEC:60968
10211	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED lamps for general lighting service. Performance Requirements"	Lamp Life	IS:16102 (Part-2)
10212	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED lamps for general lighting service. Performance Requirements"	Luminous Intensity Distribution, Peak Intensity and Beam Angle	IS:16102 (Part-2)
10213	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED lamps for general lighting service. Performance Requirements"	Lamp input	IS:16102 (Part-2)



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10214	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED lamps for general lighting service. Performance Requirements"	Dimensions	IS:16102 (Part-2)
10215	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED lamps for general lighting service. Performance Requirements"	Efficacy	IS:16102 (Part-2)
10216	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED lamps for general lighting service. Performance Requirements"	Marking.	IS:16102 (Part-2)
10217	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED lamps for general lighting service. Performance Requirements"	Luminous flux	IS:16102 (Part-2)
10218	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements"	Dimensions	IEC:62612
10219	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements"	Efficacy	IEC:62612
10220	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements"	Lamp Life	IEC:62612
10221	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements"	Luminous flux	IEC:62612
10222	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements"	Marking.	IEC:62612
10223	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications"	Cap temperature rise.	IEC:62560
10224	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications"	Creepage distances and clearances	IEC:62560
10225	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications"	Fault conditions	IEC:62560
10226	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications"	Insulation resistance and electric strength after humidity treatment	IEC:62560
10227	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications"	Interchange ability	IEC:62560



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10228	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications"	Marking.	IEC:62560
10229	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications"	Mechanical strength	IEC:62560
10230	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications"	Resistance to flame and Ignition	IEC:62560
10231	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications"	Resistance to heat	IEC:62560
10232	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	"Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications"	Protection against accidental contact with live parts	IEC:62560
10233	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Creepage distances and clearances	IS:16103 (Part-1)
10234	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	"Screws, current carrying Parts and Connection "	IS:16103 (Part-1)
10235	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Chromaticity coordinates, correlated color temperature, and Color rendering index	IS:16103 (Part-2)
10236	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Chromaticity coordinates, correlated color temperature, and Color rendering index	IEC:62717
10237	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Construction	IS:16103 (Part-1)
10238	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Dimensions	IEC:62717
10239	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Dimensions	IS:16103 (Part-2)
10240	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Electric strength	IS:16103 (Part-1)
10241	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Electrical LED Module Input	IEC:62717



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10242	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Endurance Test	IS:16103 (Part-2)
10243	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Endurance Test	IEC:62717
10244	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Fault conditions	IS:16103 (Part-1)
10245	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Heat Management	IS:16103 (Part-1)
10246	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Lumen maintenance	IEC:62717
10247	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Lumen maintenance	IS:16103 (Part-2)
10248	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Luminous Efficacy	IEC:62717
10249	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Luminous Efficacy	IS:16103 (Part-2)
10250	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Luminous flux	IEC:62717
10251	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Luminous flux	IS:16103 (Part-2)
10252	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Luminous intensity distribution, Peak intensity & Beam angle	IEC:62717
10253	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Luminous intensity distribution, Peak intensity & Beam angle	IS:16103 (Part-2)
10254	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Marking	IEC:62717
10255	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Marking	IS:16103 (Part-1)



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10256	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Marking	IS:16103 (Part-2)
10257	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Module Power	IS:16103 (Part-2)
10258	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Moisture resistance & insulation	IS:16103 (Part-1)
10259	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Protection against accidental contact with live parts	IS:16103 (Part-1)
10260	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Provision for protective earthing	IS:16103 (Part-1)
10261	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Resistance to corrosion	IS:16103 (Part-1)
10262	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Resistance to Heat, Fire and tracking.	IS:16103 (Part-1)
10263	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED Modules for general lighting	Terminals	IS:16103 (Part-1)
10264	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED modules for general lighting - Safety specifications	"Screws, current carrying Parts and Connection "	IEC: 62031
10265	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED modules for general lighting - Safety specifications	Construction	IEC: 62031
10266	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED modules for general lighting - Safety specifications	Creepage distances and clearances	IEC: 62031
10267	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED modules for general lighting - Safety specifications	Earthing	IEC: 62031
10268	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED modules for general lighting - Safety specifications	Electric strength	IEC: 62031
10269	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED modules for general lighting - Safety specifications	Fault conditions	IEC: 62031



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10270	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED modules for general lighting – Safety specifications	Heat Management	IEC: 62031
10271	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED modules for general lighting – Safety specifications	Marking	IEC: 62031
10272	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED modules for general lighting – Safety specifications	Moisture resistance & insulation	IEC: 62031
10273	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED modules for general lighting – Safety specifications	Protection against accidental contact with live parts	IEC: 62031
10274	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED modules for general lighting – Safety specifications	Resistance to corrosion	IEC: 62031
10275	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED modules for general lighting – Safety specifications	Terminals	IEC: 62031
10276	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	LED modules for general lighting – Safety specifications	Resistance to Heat, Fire and tracking.	IEC: 62031
10277	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Dimensions	IS:15111 (Part-2)
10278	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Fault conditions	IS:15111 (Part-1)
10279	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Interchangeability	IS:15111 (Part-1)
10280	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Lamp Efficacy	IS:15111 (Part-2)
10281	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Lamp wattage	IS:15111 (Part-2)
10282	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Lumen maintenance and Life test requirements.	IS:15111 (Part-2)
10283	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Marking	IS:15111 (Part-1)



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## SCOPE OF ACCREDITATION

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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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10284	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Marking	IS:15111 (Part-2)
10285	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Resistance to flame & Ignition	IS:15111 (Part-1)
10286	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Resistance to heat	IS:15111 (Part-1)
10287	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Starting & Run-up	IS:15111 (Part-2)
10288	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Cap temperature rise.	IS:15111 (Part-1)
10289	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Colour	IS:15111 (Part-2)
10290	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Harmonics	IS:15111 (Part-2)
10291	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Insulation resistance and electric strength after humidity treatment	IS:15111 (Part-1)
10292	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Luminous flux	IS:15111 (Part-2)
10293	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Mechanical strength	IS:15111 (Part-1)
10294	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Power factor	IS:15111 (Part-2)
10295	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES	Protection against electric shock	IS:15111 (Part-1)
10296	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements	Colour	IEC: 60969
10297	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements	Harmonics	IEC: 60969



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10298	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements	Luminous flux	IEC: 60969
10299	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements	Power factor	IEC: 60969
10300	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted fluorescent lamps for general lighting services - Safety requirements	Insulation resistance and electric strength	IEC:60968
10301	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted LED lamps for general lighting service.	Creepage distances and clearances	IS:16102 (Part-1)
10302	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted LED lamps for general lighting service.	Insulation resistance and electric strength after humidity treatment	IS:16102 (Part-1)
10303	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted LED lamps for general lighting service.	Mechanical strength	IS:16102 (Part-1)
10304	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted LED lamps for general lighting service.	Cap temperature rise.	IS:16102 (Part-1)
10305	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted LED lamps for general lighting service.	Fault conditions	IS:16102 (Part-1)
10306	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted LED lamps for general lighting service.	Interchange ability & Dimensions.	IS:16102 (Part-1)
10307	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted LED lamps for general lighting service.	Marking	IS:16102 (Part-1)
10308	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted LED lamps for general lighting service.	Protection against accidental contact with live parts	IS:16102 (Part-1)
10309	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted LED lamps for general lighting service.	Resistance to flame and Ignition	IS:16102 (Part-1)
10310	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted LED lamps for general lighting service.	Resistance to heat	IS:16102 (Part-1)
10311	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted LED lamps for general lighting service.Performance Requirements	Color nomenclature, variation and rendering	IS:16102 (Part-2)



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10312	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements	Color nomenclature, variation and rendering	IEC:62612
10313	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements	Lamp input	IEC:62612
10314	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements	Luminous Intensity Distribution, Peak Intensity and Beam Angle	IEC:62612
10315	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Light (LED) Sources	Chromaticity Uniformity Measurements	IES LM 79
10316	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Light (LED) Sources	Color characteristics : (Chromaticity co-ordinates, Color Rendering index & Correlated Color Temperature)	IES LM 79
10317	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Light (LED) Sources	Luminous Efficacy	IES LM 79
10318	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Light (LED) Sources	Luminous Efficacy	IS 16106
10319	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Light (LED) Sources	Luminous intensity distribution	IES LM 79
10320	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Light (LED) Sources	Luminous intensity distribution	IS 16106
10321	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Light (LED) Sources	Luminous intensity or Optical angular distribution Measurements	IES LM 79
10322	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Light (LED) Sources	Test method for color characteristics of SSL product	IS 16106
10323	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Light (LED) Sources	Test methods for Total luminous flux measurement	IS 16106
10324	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Light (LED) Sources	Total luminous flux and Integrated Optical Measurements	IES LM 79



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10325	PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP)	Solid State Light (LED) Sources	Total luminous flux measurement	IES LM 79
10326	PHOTOMETRY- LUMINARIES	"Luminaire performance - Part 2-1: Particular requirements for LED luminaires"	Chromaticity co-ordinates	IEC:62722-2-1
10327	PHOTOMETRY- LUMINARIES	"Luminaire performance - Part 2-1: Particular requirements for LED luminaires"	Color Rendering index (CRI)	IEC:62722-2-1
10328	PHOTOMETRY- LUMINARIES	"Luminaire performance - Part 2-1: Particular requirements for LED luminaires"	Correlated Colour Temperature	IEC:62722-2-1
10329	PHOTOMETRY- LUMINARIES	"Luminaire performance - Part 2-1: Particular requirements for LED luminaires"	LED Luminaire Life	IEC:62722-2-1
10330	PHOTOMETRY- LUMINARIES	"Luminaire performance - Part 2-1: Particular requirements for LED luminaires"	Lumen maintenance	IEC:62722-2-1
10331	PHOTOMETRY- LUMINARIES	"Luminaire performance - Part 2-1: Particular requirements for LED luminaires"	Luminous flux	IEC:62722-2-1
10332	PHOTOMETRY- LUMINARIES	"Luminaire performance - Part 2-1: Particular requirements for LED luminaires"	Total Input Power	IEC:62722-2-1
10333	PHOTOMETRY- LUMINARIES	"Luminaire performance - Part 2-1: Particular requirements for LED luminaires"	Endurance Test	IEC:62722-2-1
10334	PHOTOMETRY- LUMINARIES	"Luminaire performance - Part 2-1: Particular requirements for LED luminaires"	Luminaire Luminous Efficacy	IEC: 62722-2-1
10335	PHOTOMETRY- LUMINARIES	Luminaire performance - Part 2-1: Particular requirements for LED luminaires	Luminous Intensity Distribution, Peak Intensity and Beam Angle	IEC: 62722-2-1
10336	PHOTOMETRY- LUMINARIES	Luminaires performance Section 1 LED Luminaire	Chromaticity co-ordinates	IS:16107 (Part 2/Sec 1)
10337	PHOTOMETRY- LUMINARIES	Luminaires performance Section 1 LED Luminaire	Color Rendering index (CRI)	IS:16107 (Part 2/Sec 1)
10338	PHOTOMETRY- LUMINARIES	Luminaires performance Section 1 LED Luminaire	Correlated Color Temperature	IS:16107 (Part 2/Sec 1)
10339	PHOTOMETRY- LUMINARIES	Luminaires performance Section 1 LED Luminaire	Endurance Test	IS:16107 (Part 2/Sec 1)
10340	PHOTOMETRY- LUMINARIES	Luminaires performance Section 1 LED Luminaire	LED Luminaire Life	IS:16107 (Part 2/Sec 1)
10341	PHOTOMETRY- LUMINARIES	Luminaires performance Section 1 LED Luminaire	Lumen maintenance	IS:16107 (Part 2/Sec 1)
10342	PHOTOMETRY- LUMINARIES	Luminaires performance Section 1 LED Luminaire	Luminaire Efficacy	IS:16107 (Part 2/Sec 1)



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10343	PHOTOMETRY-LUMINARIES	Luminaires performance Section 1 LED Luminaire	Luminous flux	IS:16107 (Part 2/Sec 1)
10344	PHOTOMETRY-LUMINARIES	Luminaires performance Section 1 LED Luminaire	Luminous Intensity Distribution, Peak Intensity and Beam Angle	IS : 16107 (Part 2 / Sec-1)
10345	PHOTOMETRY-LUMINARIES	Luminaires performance Section 1 LED Luminaire	Marking	IS:16107 (Part 2/Sec 1)
10346	PHOTOMETRY-LUMINARIES	Luminaires performance Section 1 LED Luminaire	Total Input Power	IS:16107 (Part 2/Sec 1)
10347	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	Chromaticity co-ordinates	IS:16107 (Part 2/Sec 2)
10348	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	Color Rendering index (CRI)	IS:16107 (Part 2/Sec 2)
10349	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	Correlated Color Temperature	IS:16107 (Part 2/Sec 2)
10350	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	Endurance Test	IS:16107 (Part 2/Sec 2)
10351	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	HARMONICS	IS:16107 (Part 2/Sec 2)
10352	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	Ingress protection (6x & x5 to x8)	IS:16107 (Part 2/Sec 2)
10353	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	Lumen maintenance	IS:16107 (Part 2/Sec 2)
10354	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	Luminous flux	IS:16107 (Part 2/Sec 2)
10355	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	Luminous intensity distribution	IS : 16107 (Part 2 / Sec-2)
10356	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	Minimum Luminaire efficacy	IS:16107 (Part 2/Sec 2)
10357	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	OPERATING TEMPERATURE (RANGE °C)	IS:16107 (Part 2/Sec 2)
10358	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	Photometric Test	IS:16107 (Part 2/Sec 2)
10359	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	POWER FACTOR	IS:16107 (Part 2/Sec 2)
10360	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	REVERSE POLARITY (FOR d.c. SUPPLIES ONLY)	IS:16107 (Part 2/Sec 2)



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10361	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	SURGE PROTECTION	IS:16107 (Part 2/Sec 2)
10362	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	Total Input Power	IS:16107 (Part 2/Sec 2)
10363	PHOTOMETRY-LUMINARIES	Luminaires performance Section 2: LED Street Lighting Luminaire	Marking	IS:16107 (Part 2/Sec 2)



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LOCATION 1-ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA Mobile Facility				
1	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Natural Ester oil	Dissolved Gas Analysis	ASTM D 3612
2	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Natural Ester oil	Dissolved Gas Analysis	IEC 60599
3	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Natural Ester oil	Dissolved Gas Analysis	IS 10593
4	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Oil impregnated Solid Dielectric material	Water Content	IEC 60814
5	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Synthetic Ester oil	Dissolved Gas Analysis	ASTM D 3612
6	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Synthetic Ester oil	Dissolved Gas Analysis	IEC 60599
7	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Synthetic Ester oil	Dissolved Gas Analysis	IS 10593
8	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Synthetic Ester oil	Dissolved Gas Analysis	IS 10593 (Withdrawn standard)
9	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Appearance	IS 1866 (Withdrawn Standard)
10	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Appearance	IS 335
11	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Appearance	IS 335 (Withdrawn Standard)
12	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Breakdown Voltage	IS 1866
13	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Breakdown Voltage	IS 1866 (Withdrawn Standard)



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14	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Carbon type PNA analysis	IS 13155
15	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Color & Appearance	IEC 60422
16	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Color & Appearance	IS 1866
17	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	ASTM D 3612
18	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	IEC 60567
19	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	IEC 60567 (Withdrawn standard)
20	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	IEC 60599
21	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	IS 10593
22	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	IS 10593 (Withdrawn standard)
23	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	IS 1866 (Withdrawn Standard)
24	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dissolved Gas Analysis	IS 9434
25	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inhibitor (2, 6-di-tert-butyl-paracresol (DBPC))	IEC 60296
26	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inhibitor (2, 6-di-tert-butyl-paracresol (DBPC))	IEC 60296 (Withdrawn Standard)
27	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inhibitor (2, 6-di-tert-butyl-paracresol (DBPC))	IEC 60422



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28	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inhibitor (2, 6-di-tert-butyl-paracresol (DBPC))	IEC 60666
29	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inhibitor (2, 6-di-tert-butyl-paracresol (DBPC))	IS 13631
30	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inhibitor (2, 6-di-tert-butyl-paracresol (DBPC))	IS 1866
31	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Inhibitor (2, 6-di-tert-butyl-paracresol (DBPC))	IS 335
32	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Presence of oxidation inhibitor (DBPC)	IS 13631 (Withdrawn Standard)
33	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Presence of oxidation inhibitor (DBPC)	IS 335 (Withdrawn Standard)
34	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Sediments & Sludge	IEC 60422
35	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Sediments & Sludge	IS 1866
36	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Sediments & Sludge	IS 1866 (Withdrawn Standard)
37	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Acidity(by colourimetric titration)	IEC 60296 (Withdrawn Standard)
38	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Acidity(by colourimetric titration)	IEC 62021 Pt-2
39	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Appearance	IEC 60296
40	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Appearance	IEC 60296 (Withdrawn Standard)
41	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Breakdown Voltage	IEC 60296



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

**Validity** 31/03/2022 to 30/03/2024

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
42	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Breakdown Voltage	IEC 60296 (Withdrawn Standard)
43	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Breakdown Voltage	IEC 60422
44	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Breakdown Voltage/Electric strength	IS 335
45	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Color & Appearance	ISO 2049
46	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Color	IEC 60422
47	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Color	IS 1866
48	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IEC 60296
49	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IEC 60296 (Withdrawn Standard)
50	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IEC 60422
51	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IS 1448 (Pt.16) (Withdrawn Standard)
52	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IS 1448(Pt.16)
53	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IS 1866
54	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IS 1866 (Withdrawn Standard)
55	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	IS 335 (Withdrawn Standard)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
56	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Density	ISO 3675
57	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IEC 60247
58	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IEC 60296
59	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IEC 60296 (Withdrawn Standard)
60	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IEC 60422
61	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IS 16086
62	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IS 1866
63	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IS 1866 (Withdrawn Standard)
64	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IS 335
65	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IS 335 (Withdrawn Standard)
66	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Dielectric Dissipation Factor	IS 6262
67	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Electric strength	IEC 60156
68	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Electric strength	IEC 60156 (Withdrawn standard)
69	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Electric strength	IS 335 (Withdrawn Standard)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
70	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Electric strength	IS 6792
71	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Electric strength	IS 6792 (Withdrawn Standard)
72	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IEC 60296
73	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IEC 60296 (Withdrawn Standard)
74	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IEC 60422
75	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IS 1448 (Pt.21)
76	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IS 1448 (Pt.21) (Withdrawn Standard)
77	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IS 1866
78	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IS 1866 (Withdrawn Standard)
79	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IS 335
80	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	IS 335 (Withdrawn Standard)
81	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Flash Point	ISO 2719
82	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	ASTM D 971
83	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	ASTM D 971 (Withdrawn Standard)



# National Accreditation Board for Testing and Calibration Laboratories

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
84	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IEC 60296
85	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IEC 60296 (Withdrawn Standard)
86	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IEC 60422
87	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IS 1866
88	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IS 1866 (Withdrawn Standard)
89	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IS 335
90	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IS 335 (Withdrawn Standard)
91	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Interfacial Tension	IS 6104
92	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Specific Resistance (Resistivity)	IEC 60247
93	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Specific Resistance (Resistivity)	IEC 60422
94	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Specific Resistance (Resistivity)	IS 1866
95	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Specific Resistance (Resistivity)	IS 1866 (Withdrawn Standard)
96	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Specific Resistance (Resistivity)	IS 335 (Withdrawn Standard)
97	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Specific Resistance (Resistivity)	IS 6103



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
98	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IEC 60296
99	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IEC 60296 (Withdrawn Standard)
100	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IEC 60422
101	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IEC 60814
102	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IS 13567
103	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IS 1866
104	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IS 1866 (Withdrawn Standard)
105	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IS 335
106	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Transformer oils	Water Content	IS 335 (Withdrawn Standard)
107	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Unused synthetic organic ester oil	Density	ISO 3675
108	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Flash Point	IEC 61203
109	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Flash Point	IS 16099
110	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Water Content	IEC 60814
111	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Water Content	IEC 61203



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
112	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Water Content	IS 16099
113	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Specific Resistance (Resistivity)	IEC 60247
114	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Breakdown Voltage	IEC 61203
115	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Breakdown Voltage	IS 16099
116	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Color & Appearance	IEC 61203
117	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Color & Appearance	IS 16099
118	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Density	ISO 3675
119	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Dielectric Dissipation Factor	IEC 60247
120	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Dielectric Dissipation Factor	IEC 61203
121	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Dielectric Dissipation Factor	IS 16099
122	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Electric strength	IEC 60156
123	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Flash Point	ISO 2719
124	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Specific Resistance (D.C. Resistivity)	IEC 61203
125	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used Synthetic organic ester oil	Specific Resistance (D.C. Resistivity)	IS 16099



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MAKARPURA, VADODARA, GUJARAT, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
126	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Density	IEC 61203
127	ELECTRICAL- INSULATING MATERIALS & INSULATORS	Used synthetic organic ester oil	Density	IS 16099



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
LOCATION 1-ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA Site Facility				
1	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital Multifunction Measuring Instruments For Measurement and Control/ Electrical/ Electronic Equipment	Intrinsic Error	IS 13875 (Part 1, 3)
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Digital Multifunction Measuring Instruments For Measurement and Control/ Electrical/ Electronic Equipment	Intrinsic Error	IS 15707
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IEC 62052-11 (Withdrawn)"
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IEC 62053-21 (Withdrawn)"
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IEC 62053-22 (Withdrawn)"
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IEC 62053-23 (Withdrawn)"
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IEC 62053-24 (Withdrawn)"
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IS 13779 (Withdrawn)"
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	CBIP Publication No. 304 (Withdrawn)
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	CBIP Publication No. 325



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IEC 62052-11
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IEC 62053-21
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IEC 62053-22
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IEC 62053-23
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IEC 62053-24
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IS 13779
17	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IS 14697
18	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IS 15707
19	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary voltage variation	IEC 62052-11
20	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary voltage variation	IEC 62053-21
21	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary voltage variation	IEC 62053-22



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22	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary voltage variation	IEC 62053-23
23	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary voltage variation	IEC 62053-24
24	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Auxiliary Voltage	"IEC 62053-22 (Withdrawn)"
25	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency Variation	"IEC 62053-21 (Withdrawn)"
26	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency Variation	"IEC 62053-22 (Withdrawn)"
27	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency Variation	"IEC 62053-23 (Withdrawn)"
28	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency Variation	"IEC 62053-24 (Withdrawn)"
29	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency Variation	CBIP Publication No. 304 (Withdrawn)
30	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency Variation	CBIP Publication No. 325
31	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency variation	IEC 62052-11
32	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency variation	IEC 62053-21



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33	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency variation	IEC 62053-22
34	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency variation	IEC 62053-23
35	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Frequency variation	IEC 62053-24
36	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Functional Requirements	CBIP Publication No. 325
37	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Functional Requirements	CEA regulations: (Part 2)
38	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Functional Requirements	IS 15707
39	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonic component in the current and voltage circuit	"IEC 62053-21 (Withdrawn)"
40	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonic component in the current and voltage circuit	"IEC 62053-22 (Withdrawn)"
41	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonic component in the current and voltage circuit	"IEC 62053-24 (Withdrawn)"
42	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonic component in the current and voltage circuit	CBIP Publication No. 304 (Withdrawn)
43	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonic component in the current and voltage circuit	CBIP Publication No. 325



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44	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonics in the current and voltage circuits - 5th harmonic test	IEC 62052-11
45	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonics in the current and voltage circuits - 5th harmonic test	IEC 62053-21
46	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonics in the current and voltage circuits - 5th harmonic test	IEC 62053-22
47	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Harmonics in the current and voltage circuits - 5th harmonic test	IEC 62053-24
48	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	I, ii). Voltage Variation	IS 14697
49	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	i. Voltage Variation	"IS 13779 (Withdrawn)"
50	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	i. Voltage Variation	IS 13779
51	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ii. Frequency Variation	"IS 13779 (Withdrawn)"
52	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ii. Frequency Variation	IS 13779
53	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	iii, iv). Frequency Variation	IS 14697
54	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	iii. Waveform 10% of third harmonic in current	"IS 13779 (Withdrawn)"



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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55	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	iii. Waveform 10% of third harmonic in current	IS 13779
56	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	"IS 13779 (Withdrawn)"
57	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	CBIP Publication No. 304 (Withdrawn)
58	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	CBIP Publication No. 325
59	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	IS 13779
60	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	IS 14697
61	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	IS 15707
62	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IEC 62052-11 (Withdrawn)"
63	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IEC 62053-21 (Withdrawn)"
64	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IEC 62053-22 (Withdrawn)"
65	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IEC 62053-23 (Withdrawn)"



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
66	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IEC 62053-24 (Withdrawn)"
67	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IS 13779 (Withdrawn)"
68	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	CBIP Publication No. 304 (Withdrawn)
69	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	CBIP Publication No. 325
70	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	IS 13779
71	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	IS 14697
72	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	IS 15707
73	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interruption of phase voltage	IEC 62052-11
74	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interruption of phase voltage	IEC 62053-21
75	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interruption of phase voltage	IEC 62053-22
76	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interruption of phase voltage	IEC 62053-23



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77	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Interruption of phase voltage	IEC 62053-24
78	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	iv. Reverse Ph. Sequence	"IS 13779 (Withdrawn)"
79	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	iv. Reverse Ph. Sequence	IS 13779
80	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	ix). Phase of Auxiliary supply voltage by 120 degree	IS 14697
81	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"IEC 62052-11 (Withdrawn)"
82	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"IEC 62053-21 (Withdrawn)"
83	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"IEC 62053-22 (Withdrawn)"
84	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"IEC 62053-23 (Withdrawn)"
85	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"IEC 62053-24 (Withdrawn)"
86	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"IS 13779 (Withdrawn)"
87	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	CBIP Publication No. 304 (Withdrawn)



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88	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	CBIP Publication No. 325
89	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IEC 62052-11
90	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IEC 62053-21
91	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IEC 62053-22
92	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IEC 62053-23
93	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IEC 62053-24
94	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IS 13779
95	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IS 14697
96	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IS 15707
97	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	"IS 13779 (Withdrawn)"
98	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	CBIP Publication No. 304 (Withdrawn)



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99	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	CBIP Publication No. 325
100	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IEC 62052-11
101	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IEC 62053-21
102	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IEC 62053-22
103	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IEC 62053-23
104	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IEC 62053-24
105	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IS 13779
106	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IS 14697
107	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Repeatability of error test	IS 15707
108	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reverse Ph. Sequence	CBIP Publication No. 304 (Withdrawn)
109	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reverse Ph. Sequence	CBIP Publication No. 325



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
110	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed Ph. Sequence	"IEC 62053-21 (Withdrawn)"
111	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed Ph. Sequence	"IEC 62053-22 (Withdrawn)"
112	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed Ph. Sequence	IS 14697
113	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed phase sequence	IEC 62052-11
114	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed phase sequence	IEC 62053-21
115	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed phase sequence	IEC 62053-22
116	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed phase sequence	IEC 62053-23
117	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Reversed phase sequence	IEC 62053-24
118	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IEC 62052-11 (Withdrawn)"
119	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IEC 62053-21 (Withdrawn)"
120	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IEC 62053-22 (Withdrawn)"



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121	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IEC 62053-23 (Withdrawn)"
122	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IEC 62053-24 (Withdrawn)"
123	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IS 13779 (Withdrawn)"
124	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	CBIP Publication No. 304 (Withdrawn)
125	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	CBIP Publication No. 325
126	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IEC 62052-11
127	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IEC 62053-21
128	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IEC 62053-22
129	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IEC 62053-23
130	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IEC 62053-24
131	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IS 13779



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132	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IS 14697
133	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IS 15707
134	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	"IEC 62052-11 (Withdrawn)"
135	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	"IEC 62053-21 (Withdrawn)"
136	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	"IEC 62053-22 (Withdrawn)"
137	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	"IEC 62053-23 (Withdrawn)"
138	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	"IEC 62053-24 (Withdrawn)"
139	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	"IS 13779 (Withdrawn)"
140	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	CBIP Publication No. 304 (Withdrawn)
141	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	CBIP Publication No. 325
142	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 60068-2-75



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143	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 62052-11
144	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 62053-21
145	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 62053-22
146	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 62053-23
147	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 62053-24
148	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IS 13779
149	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IS 14697
150	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IS 14697
151	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Spring Hammer Test	IS 15707
152	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	"IEC 62052-11 (Withdrawn)"
153	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	"IEC 62053-21 (Withdrawn)"



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
154	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	"IEC 62053-22 (Withdrawn)"
155	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	"IEC 62053-23 (Withdrawn)"
156	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	"IEC 62053-24 (Withdrawn)"
157	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	"IS 13779 (Withdrawn)"
158	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	CBIP Publication No. 304 (Withdrawn)
159	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	CBIP Publication No. 325
160	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IEC 62052-11
161	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IEC 62053-21
162	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IEC 62053-22
163	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IEC 62053-23
164	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IEC 62053-24



# National Accreditation Board for Testing and Calibration Laboratories

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**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

**Validity** 31/03/2022 to 30/03/2024

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
165	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IS 13779
166	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IS 14697
167	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Starting Conditions	IS 15707
168	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	"IEC 62052-11 (Withdrawn)"
169	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	"IEC 62053-21 (Withdrawn)"
170	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	"IEC 62053-22 (Withdrawn)"
171	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	"IEC 62053-23 (Withdrawn)"
172	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	"IEC 62053-24 (Withdrawn)"
173	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	"IS 13779 (Withdrawn)"
174	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	CBIP Publication No. 304 (Withdrawn)
175	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	CBIP Publication No. 325



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
176	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IEC 62052-11
177	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IEC 62053-21
178	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IEC 62053-22
179	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IEC 62053-23
180	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IEC 62053-24
181	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IS 13779
182	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IS 14697
183	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Startup Test	IS 15707
184	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	"IS 13779 (Withdrawn)"
185	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	CBIP Publication No. 304 (Withdrawn)
186	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	CBIP Publication No. 325



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
187	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	IS 13779
188	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	IS 14697
189	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of influence of heating	IS 15707
190	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IEC 62052-11 (Withdrawn)"
191	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IEC 62053-21 (Withdrawn)"
192	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IEC 62053-22 (Withdrawn)"
193	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IEC 62053-23 (Withdrawn)"
194	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IEC 62053-24 (Withdrawn)"
195	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IS 13779 (Withdrawn)"
196	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	CBIP Publication No. 304 (Withdrawn)
197	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	CBIP Publication No. 325



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198	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IEC 62052-11
199	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IEC 62053-21
200	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IEC 62053-22
201	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IEC 62053-23
202	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IEC 62053-24
203	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IS 13779
204	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IS 14697
205	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence of self-heating	IS 15707
206	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	"IEC 62052-11 (Withdrawn)"
207	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	"IEC 62053-21 (Withdrawn)"
208	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	"IEC 62053-22 (Withdrawn)"



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209	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	"IEC 62053-23 (Withdrawn)"
210	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	"IEC 62053-24 (Withdrawn)"
211	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	"IS 13779 (Withdrawn)"
212	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	CBIP Publication No. 304 (Withdrawn)
213	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	CBIP Publication No. 325
214	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IEC 62052-11
215	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IEC 62053-21
216	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IEC 62053-22
217	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IEC 62053-23
218	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IEC 62053-24
219	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IS 13779



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220	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IS 14697
221	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Influence Quantities	IS 15707
222	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	"IEC 62052-11 (Withdrawn)"
223	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	"IEC 62053-21 (Withdrawn)"
224	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	"IEC 62053-22 (Withdrawn)"
225	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	"IEC 62053-23 (Withdrawn)"
226	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	"IEC 62053-24 (Withdrawn)"
227	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	"IS 13779 (Withdrawn)"
228	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	CBIP Publication No. 304 (Withdrawn)
229	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	CBIP Publication No. 325
230	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IEC 62052-11



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
231	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IEC 62053-21
232	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IEC 62053-22
233	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IEC 62053-23
234	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IEC 62053-24
235	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IS 13779
236	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IS 14697
237	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of meter constant	IS 15707
238	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	"IEC 62052-11 (Withdrawn)"
239	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	"IEC 62053-21 (Withdrawn)"
240	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	"IEC 62053-22 (Withdrawn)"
241	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	"IEC 62053-23 (Withdrawn)"



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242	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	"IEC 62053-24 (Withdrawn)"
243	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	"IS 13779 (Withdrawn)"
244	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	CBIP Publication No. 304 (Withdrawn)
245	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	CBIP Publication No. 325
246	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IEC 62052-11
247	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IEC 62053-21
248	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IEC 62053-22
249	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IEC 62053-23
250	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IEC 62053-24
251	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IS 13779
252	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IS 14697



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
253	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Test of Power consumption	IS 15707
254	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	v. Voltage unbalance	"IS 13779 (Withdrawn)"
255	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	v. Voltage unbalance	IS 13779
256	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	viii). Auxiliary Voltage	IS 14697
257	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage unbalance	"IEC 62053-21 (Withdrawn)"
258	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage unbalance	"IEC 62053-22 (Withdrawn)"
259	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage unbalance	CBIP Publication No. 304 (Withdrawn)
260	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage unbalance	CBIP Publication No. 325
261	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage unbalance	IS 14697
262	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage Variation	"IEC 62053-21 (Withdrawn)"
263	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage Variation	"IEC 62053-22 (Withdrawn)"



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264	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage Variation	"IEC 62053-23 (Withdrawn)"
265	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage Variation	"IEC 62053-24 (Withdrawn)"
266	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage Variation	CBIP Publication No. 304 (Withdrawn)
267	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage Variation	CBIP Publication No. 325
268	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage variation	IEC 62052-11
269	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage variation	IEC 62053-21
270	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage variation	IEC 62053-22
271	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage variation	IEC 62053-23
272	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Voltage variation	IEC 62053-24
273	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Waveform 10% of third harmonic in current circuit	CBIP Publication No. 304 (Withdrawn)
274	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Waveform 10% of third harmonic in current circuit	CBIP Publication No. 325



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
275	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meters & Measuring Instruments	Waveform 10% of third harmonic in current	IS 14697
276	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IEC 62055-31
277	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IS 15884
278	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Frequency Variation	IEC 62055-31
279	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Harmonic component in the current and voltage circuit	IEC 62055-31
280	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	i. Voltage Variation	IS 15884
281	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	ii. Frequency Variation	IS 15884
282	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	IS 15884
283	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	IEC 62055-31
284	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	IS 15884
285	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IEC 62055-31



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286	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	IS 15884
287	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Repeatability of error test	IS 15884
288	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Reverse Ph. Sequence	IS 15884
289	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Reversed Ph. Sequence	IEC 62055-31
290	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IEC 62055-31
291	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	IS 15884
292	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 62055-31
293	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Spring Hammer Test	IS 15884
294	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Starting Conditions	IEC 62055-31
295	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Starting Conditions	IS 15884
296	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Startup Test	IEC 62055-31



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297	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Startup Test	IS 15884
298	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of Influence of self-heating	IEC 62055-31
299	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of Influence of self-heating	IS 15884
300	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of Influence Quantities	IEC 62055-31
301	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of Influence Quantities	IS 15884
302	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of meter constant	IEC 62055-31
303	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of meter constant	IS 15884
304	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of Power consumption	IEC 62055-31
305	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Test of Power consumption	IS 15884
306	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Voltage unbalance	IEC 62055-31
307	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Voltage unbalance	IS 15884



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308	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Voltage Variation	IEC 62055-31
309	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment Energy Meters & Measuring Instruments	Waveform 10% of third harmonic in current	IS 15884
310	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IS 16444 (Part 1)"
311	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	"IS 16444 (Part 2)"
312	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	ac high voltage test/ Test of Insulation properties	IEC 62052-31
313	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	i, ii). Voltage Variation	"IS 16444 (Part 2)"
314	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	i. Voltage Variation	"IS 16444 (Part 1)"
315	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	ii. Frequency Variation	"IS 16444 (Part 1)"
316	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	iii, iv). Frequency Variation	"IS 16444 (Part 2)"
317	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	"IS 16444 (Part 1)"
318	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Insulation Resistance/ Insulation Test	"IS 16444 (Part 2)"



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319	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IS 16444 (Part 1)"
320	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Interpretation of test results and adjustments	"IS 16444 (Part 2)"
321	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	ix). Phase of Auxiliary supply voltage by 120 degree	"IS 16444 (Part 2)"
322	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"IS 16444 (Part 1)"
323	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Limits of errors / Test of accuracy requirement	"IS 16444 (Part 2)"
324	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Operation of accessories	"IS 16444 (Part 2)"
325	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Repeatability of error test	"IS 16444 (Part 1)"
326	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Repeatability of error test	"IS 16444 (Part 2)"
327	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Reversed Ph. Sequence	"IS 16444 (Part 1)"
328	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Reversed Ph. Sequence	"IS 16444 (Part 2)"
329	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IS 16444 (Part 1)"



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330	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Running with no load/ Test of no-load condition	"IS 16444 (Part 2)"
331	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Spring Hammer Test	"IS 16444 (Part 1)"
332	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Spring Hammer Test	"IS 16444 (Part 2)"
333	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Spring Hammer Test	IEC 62052-31
334	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Starting Conditions	"IS 16444 (Part 1)"
335	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Starting Conditions	"IS 16444 (Part 2)"
336	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Startup Test	"IS 16444 (Part 1)"
337	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Startup Test	"IS 16444 (Part 2)"
338	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of influence of heating	"IS 16444 (Part 2)"
339	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IS 16444 (Part 1)"
340	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of Influence of self-heating	"IS 16444 (Part 2)"



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341	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/smart Energy Meters & Measuring Instruments	Test of Influence of self-heating	IEC 62052-31
342	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of Influence Quantities	"IS 16444 (Part 1)"
343	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of Influence Quantities	"IS 16444 (Part 2)"
344	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of meter constant	"IS 16444 (Part 1)"
345	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of meter constant	"IS 16444 (Part 2)"
346	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of Power consumption	"IS 16444 (Part 1)"
347	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Test of Power consumption	"IS 16444 (Part 2)"
348	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	viii). Auxiliary Voltage	"IS 16444 (Part 2)"
349	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Voltage unbalance	"IS 16444 (Part 1)"
350	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Voltage unbalance	"IS 16444 (Part 2)"
351	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Waveform 10% of third harmonic in current	"IS 16444 (Part 1)"



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
352	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Prepayment/Smart Energy Meters & Measuring Instruments	Waveform 10% of third harmonic in current	"IS 16444 (Part 2)"
353	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Permissible Limits of intrinsic error & class index	IEC 60688
354	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Permissible Limits of intrinsic error & class index	IS 15707
355	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Ripple content of output	IEC 60688
356	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Ripple content of output	IS 15707
357	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Sealing	IEC 60688
358	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Sealing	IS 15707
359	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to auxiliary supply frequency	IEC 60688
360	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to auxiliary supply frequency	IS 15707
361	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to auxiliary supply voltage	IEC 60688
362	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to auxiliary supply voltage	IS 15707



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363	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to distortion of input quantity	IEC 60688
364	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to distortion of input quantity	IS 15707
365	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to frequency of the input quantity	IEC 60688
366	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to frequency of the input quantity	IS 15707
367	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to input current	IEC 60688
368	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to input current	IS 15707
369	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to input voltage	IEC 60688
370	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to input voltage	IS 15707
371	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to output load	IEC 60688
372	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to output load	IS 15707
373	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to over range of measured quantity	IEC 60688



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
374	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to over range of measured quantity	IS 15707
375	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to power factor	IEC 60688
376	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to power factor	IS 15707
377	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to unbalance currents	IEC 60688
378	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Variation due to unbalance currents	IS 15707
379	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers/ Electrical & Electronic Multifunction Measuring Instruments	Voltage test, Insulation tests	IS 15707
380	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Ester liquid leakage test	IS 1180 (Part 3)
381	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Induced over-voltage withstand test	IS 1180 (Part 3)
382	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Insulation resistance	IS 1180 (Part 3)
383	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of No-load current at 112.5 % of voltage	IS 1180 (Part 3)
384	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of No-load loss and current	IS 1180 (Part 3)
385	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Short-circuit impedance and load loss at 50 percent and 100 percent load	IS 1180 (Part 3)
386	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Pressure test (routine test)	IS 1180 (Part 3)
387	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Pressure test (Type test)	IS 1180 (Part 3)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
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388	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Separate-source voltage withstand test	IS 1180 (Part 3)
389	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Temperature rise test	IS 1180 (Part 3)
390	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Voltage ratio and check of phase displacement	IS 1180 (Part 3)
391	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Applied voltage test	IEC 60076 (Part 11)
392	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Applied voltage test	IS 2026 (Part 11)
393	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Induce voltage withstand test	IEC 60076 (Part 11)
394	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Induce voltage withstand test	IS 2026 (Part 11)
395	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Induced overvoltage withstand test	IS 11171
396	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Impedance voltage, short-circuit impedance and load loss	IS 11171
397	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of No-load loss and current	IEC 60076 (Part 11)
398	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of No-load loss and current	IS 11171
399	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of No-load loss and current	IS 2026 (Part 11)
400	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Short-circuit impedance and load loss	IEC 60076 (Part 11)
401	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Short-circuit impedance and load loss	IS 2026 (Part 11)
402	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Winding resistance	IEC 60076 (Part 11)
403	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Winding resistance	IS 11171
404	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Winding resistance	IS 2026 (Part 11)
405	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Separate-source voltage withstand test	IS 11171



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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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406	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Temperature rise test	IEC 60076 (Part 11)
407	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Temperature rise test	IS 11171
408	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Temperature rise test	IS 2026 (Part 11)
409	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Voltage ratio and check of phase displacement	IEC 60076 (Part 11)
410	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Voltage ratio and check of phase displacement	IS 11171
411	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Dry type Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Voltage ratio and check of phase displacement	IS 2026 (Part 11)
412	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Air Pressure test	CBIP publication no.: 317
413	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Applied voltage test	IEC 60076 (Part 3)
414	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Applied voltage test	IS 2026 (Part 3)
415	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Check of core and frame insulation	IEC 60076 (Part 1)
416	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Induce voltage withstand test	IEC 60076 (Part 3)
417	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Induce voltage withstand test	IS 2026 (Part 3)
418	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Insulation of auxiliary wiring (AuxW)	IEC 60076 (part 3)
419	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Insulation of auxiliary wiring (AuxW)	IS 2026 (part 3)
420	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Leak testing with pressure for liquid immersed transformers (tightness test)	IEC 60076 (Part 1)
421	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of DC Insulation resistance between each winding to earth and between windings	IEC 60076 (part 1)



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422	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Insulation resistance to earth of the windings	IS 2026 (Part 1)
423	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of No-load loss and current	IEC 60076 (Part 1)
424	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of No-load loss and current	IS 2026 (Part 1)
425	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of No-load loss and current at 90% and 110% of rated voltage	IEC 60076 (Part 1)
426	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Short-circuit impedance and load loss	IEC 60076 (Part 1)
427	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Short-circuit impedance and load loss	IS 2026 (Part 1)
428	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Unbalance/Neutral current	CBIP publication no.: 317
429	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Unbalance/Neutral current	TRANS/030
430	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Winding resistance	IEC 60076 (Part 1)
431	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Zero-sequence impedance(s) of three phase transformer	IEC 60076 (Part 1)
432	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Zero-sequence impedance(s) of three phase transformer	IS 2026 (Part 1)
433	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Oil leakage test	CBIP publication no.: 317
434	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Pressure deflection test for liquid immersed transformers	IEC 60076 (Part 1)
435	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Temperature rise test	IEC 60076 (Part 2)
436	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Temperature rise test	IS 2026 (Part 2)
437	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Tests on on-load tap-changers - Operation test	IEC 60076 (Part 1)
438	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Tests on on-load tap-changers - Operation test	IS 2026 (Part 1)



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439	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Vacuum deflection test for liquid immersed transformers	IEC 60076 (Part 1)
440	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Vacuum test	CBIP publication no.: 317
441	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Voltage ratio and check of phase displacement	IEC 60076 (Part 1)
442	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Voltage ratio and check of phase displacement	IS 2026 (Part 1)
443	ELECTRICAL- INDUCTORS & TRANSFORMERS	"Power Transformers/Dry type transformer (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Magnetic Balance test	CBIP publication no.: 317
444	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Accuracy test	IEC 61869 (Part 2)
445	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Accuracy test	IEC 61869 (part 4)
446	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Accuracy test	IS 16227 (part 2)
447	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Accuracy test	IS 16227 (part 4)
448	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Accuracy test	IS 2705 (Part 2 and 3) withdrawn
449	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Composite error Measurement	IEC 61869 (Part 2)
450	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Composite error Measurement	IEC 61869 (part 4)
451	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Composite error Measurement	IS 16227 (part 2)
452	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Composite error Measurement	IS 16227 (part 4)
453	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Composite error Measurement	IS 2705 (Part 3) withdrawn
454	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 1)
455	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 4)
456	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 1)



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457	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 4)
458	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 2705 (Part 1) withdrawn
459	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Instrument security factor	IEC 61869 (Part 2)
460	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Instrument security factor	IEC 61869 (part 4)
461	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Instrument security factor	IS 16227 (part 2)
462	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Instrument security factor	IS 16227 (part 4)
463	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Instrument security factor	IS 2705 (Part 2) withdrawn
464	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Interturn overvoltage test	IEC 61869 (Part 2)
465	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Interturn overvoltage test	IEC 61869 (part 4)
466	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Interturn overvoltage test	IS 16227 (part 2)
467	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Interturn overvoltage test	IS 16227 (part 4)
468	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Interturn overvoltage test	IS 2705 (Part 1) withdrawn
469	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of Knee point voltage and excitation current	IEC 61869 (Part 2)
470	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of Knee point voltage and excitation current	IEC 61869 (part 4)
471	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of Knee point voltage and excitation current	IS 16227 (part 2)
472	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of Knee point voltage and excitation current	IS 16227 (part 4)
473	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of Knee point voltage and excitation current	IS 2705 (Part 4) withdrawn
474	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of winding resistance	IEC 61869 (Part 2)
475	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of winding resistance	IEC 61869 (part 4)



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476	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of winding resistance	IS 16227 (part 2)
477	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of winding resistance	IS 16227 (part 4)
478	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Measurement of winding resistance	IS 2705 (Part 4) withdrawn
479	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Temperature rise test	IEC 61869 (part 1)
480	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Temperature rise test	IEC 61869 (part 2)
481	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Temperature rise test	IEC 61869 (part 4)
482	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Temperature rise test	IS 16227 (part 1)
483	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Temperature rise test	IS 16227 (part 2)
484	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Temperature rise test	IS 16227 (part 4)
485	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Temperature rise test	IS 2705 (Part 1) withdrawn
486	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Turn Ratio error test	IEC 61869 (Part 2)
487	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Turn Ratio error test	IEC 61869 (part 4)
488	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Turn Ratio error test	IS 16227 (part 2)
489	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Turn Ratio error test	IS 16227 (part 4)
490	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Turn Ratio error test	IS 2705 (Part 4) withdrawn
491	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Verification of Markings	IEC 61869 (part 1)
492	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Verification of Markings	IEC 61869 (part 2)
493	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Verification of Markings	IEC 61869 (part 4)
494	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Verification of Markings	IS 16227 (part 1)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

**Validity** 31/03/2022 to 30/03/2024

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
495	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Verification of Markings	IS 16227 (part 2)
496	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Verification of Markings	IS 16227 (part 4)
497	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer/CT PT Combined Unit	Verification of Markings	IS 2705 (Part 1) withdrawn
498	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformers	Measurement of Capacitance and Tan Delta	IEC 61869-1:2007 & 2
499	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformers	Measurement of Capacitance and Tan Delta	IS 16227 -1 & 2
500	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformers	Measurement of Capacitance and Tan Delta	IS 2705-1 (Withdrawn)
501	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer/ Power Transformer/ Dry type Transformer	Measurement of Capacitance and Tan Delta	IS 2026-1
502	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer/ Power Transformer/ Dry type Transformer	Measurement of Capacitance and Tan Delta	IEC 60076-1
503	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformer/ Power Transformer/ Dry type Transformer	Sweep Frequency Response Analysis	IEC 60076-18
504	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Induced over-voltage withstand test	IS 1180 (Part 1)
505	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Insulation resistance	IS 1180 (Part 1)
506	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of No-load current at 112.5 % of voltage	IS 1180 (Part 1)
507	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of No-load loss and current	IS 1180 (Part 1)
508	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Short-circuit impedance and load loss at 50 percent and 100 percent load	IS 1180 (Part 1)
509	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Winding resistance	IS 1180 (Part 1)
510	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Winding resistance	IS 1180 (Part 3)
511	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Oil leakage test	IS 1180 (Part 1)
512	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Pressure test (routine test)	IS 1180 (Part 1)



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513	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Pressure test (Type test)	IS 1180 (Part 1)
514	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Separate-source voltage withstand test	IS 1180 (Part 1)
515	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Temperature rise test	IS 1180 (Part 1)
516	ELECTRICAL- INDUCTORS & TRANSFORMERS	Distribution Transformers (0.1 kVA to 2.5 MVA HV - 0.01 V to 33 kV LV - 0.01 V to 3.3 kV)	Measurement of Voltage ratio and check of phase displacement	IS 1180 (Part 1)
517	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IEC 61869 (part 1)
518	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IEC 61869 (part 3)
519	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IEC 61869 (part 4)
520	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IS 16227 (part 1)
521	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IS 16227 (part 3)
522	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IS 16227 (part 4)
523	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IS 3156 (part 1) withdrawn
524	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IS 3156 (part 2) withdrawn
525	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Accuracy test	IS 3156 (part 3) withdrawn
526	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 1)
527	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 3)
528	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IEC 61869 (part 4)
529	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 1)
530	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 3)



# National Accreditation Board for Testing and Calibration Laboratories

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531	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 16227 (part 4)
532	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	High Voltage Power Frequency Test	IS 3156 (part 1) withdrawn
533	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IEC 61869 (part 1)
534	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IEC 61869 (part 3)
535	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IEC 61869 (part 4)
536	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IS 16227 (part 1)
537	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IS 16227 (part 3)
538	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IS 16227 (part 4)
539	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Separate source withstand test	IS 3156 (part 1) withdrawn
540	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Temperature rise test	IEC 61869 (part 1)
541	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Temperature rise test	IEC 61869 (part 3)
542	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Temperature rise test	IEC 61869 (part 4)
543	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Temperature rise test	IS 16227 (part 1)
544	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Temperature rise test	IS 16227 (part 3)
545	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Temperature rise test	IS 16227 (part 4)
546	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Temperature rise test	IS 3156 (Part 1) withdrawn
547	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Verification of Markings	IEC 61869 (part 1)
548	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Verification of Markings	IEC 61869 (part 3)
549	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Verification of Markings	IEC 61869 (part 4)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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550	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Verification of Markings	IS 16227 (part 1)
551	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Verification of Markings	IS 16227 (part 3)
552	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Verification of Markings	IS 16227 (part 4)
553	ELECTRICAL- INDUCTORS & TRANSFORMERS	Potential Transformer/CT PT Combined Unit	Verification of Markings	IS 3156 (Part 1) withdrawn
554	ELECTRICAL- INDUCTORS & TRANSFORMERS	Power Transformers (1 kVA to 500 MVA, HV - 3.3kV to 400 kV & LV - 250V to 100 kV)	Measurement of Winding resistance	IS 2026 (Part 1)
555	ELECTRICAL- INDUCTORS & TRANSFORMERS	Transformer	Measurement of harmonics of no-load current	IS 2026 (Part-I) Cl. No. 10.6
556	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformers	Measurement of Capacitance and Tan Delta	IEC 61869-1:2007 & 3
557	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformers	Measurement of Capacitance and Tan Delta	IS 16227 -1:2016 & 3
558	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Point of Common Coupling, Control Panels, Incoming Supply	Measurement of DC current injection	IEEE 1547.1
559	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Point of Common Coupling, Control Panels, Incoming Supply	Measurement of Flicker	IEC 61000-4-30:2015 & Limit as per IEC 61000-3-7
560	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Point of Common Coupling, Control Panels, Incoming Supply	Measurement of Harmonics	IEC 61000-4-30:2015 & Limit as per IEEE 519
561	ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT	Earth Pits	Earth Resistance Measurement	IS 3043
562	ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT	Earth Pits	Earth Resistance Measurement	IS 3043 (withdrawn)
563	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Product	Electrostatic discharge immunity test	IEC 62052-22:(Withdrawn)
564	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic product	Electrostatic discharge immunity test	TEC/SD/DD/EMC-221
565	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 60947-2 :(NEW STD)
566	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	AC voltage Dips and Interruption test	TEC/SD/DD/EMC-221
567	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	D.C short interruption test	EN 61000-4-29



# National Accreditation Board for Testing and Calibration Laboratories

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**Accreditation Standard** ISO/IEC 17025:2017

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568	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	D.C short interruption test	IEC 61000-4-29
569	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damp magnetic field immunity test	EN 61000-4-10
570	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damp magnetic field immunity test	IEC 60870-2-1
571	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damp magnetic field immunity test	IEC 61000-4-10
572	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	CISPR 14-2:(Withdrawn)
573	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	CISPR 24:(Withdrawn)
574	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	CISPR 35
575	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	EN 61000-4-4
576	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60204-1
577	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60255-26
578	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60335-1:(Withdrawn)
579	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60571
580	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60601-1-2:(Withdrawn)
581	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60870-2-1
582	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-1 :(Withdrawn)
583	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-2:(Withdrawn)
584	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-3:(Withdrawn)
585	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-4-1:(Withdrawn)
586	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-5-1



# National Accreditation Board for Testing and Calibration Laboratories

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587	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-5-2:(Withdrawn)
588	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61000-6-1
589	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61000-6-2
590	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61008-1
591	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61009-1
592	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61439-1:(Withdrawn)
593	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61543
594	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61547 :(Withdrawn)
595	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61800-3:(Withdrawn)
596	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61812-1
597	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61850-3
598	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62040-2
599	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62052-11 :(Withdrawn)
600	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-21 :(Withdrawn)
601	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-22:(Withdrawn)
602	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-23 :(Withdrawn)
603	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-24:(Withdrawn)
604	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62055-31
605	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62271-1



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606	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62271-100:(Withdrawn)
607	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62271-102
608	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC TR 61000-4-1
609	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEEE C37.90.1
610	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 12640 (Part 1)
611	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 12640 (Part 2)
612	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 13779 :(Withdrawn)
613	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 14614
614	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 14697:(Withdrawn)
615	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 14700 (Part 4/Sec 4)
616	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 15884
617	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 16444 (Part 1)
618	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 16444 (Part 2)
619	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	NMI M 6.1
620	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	OIML TC12
621	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical Fast transient burst immunity test	TEC/SD/DD/EMC-221
622	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61326-1:(Withdrawn)
623	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 13779
624	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 13779



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625	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	flicker measurements	IEC 61000-3-11
626	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 61000-3-12 (Withdrawn)
627	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 61000-3-2 (Withdrawn)
628	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 61000-4-30
629	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEEE 519
630	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements & flicker measurements	IEC 61000-3-3
631	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements & flicker measurements	IEC 61000-4-15
632	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	CISPR 14-2:(Withdrawn)
633	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	CISPR 24:(Withdrawn)
634	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	CISPR 35
635	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	EN 50121-4:(Withdrawn)
636	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	EN 61000-4-6
637	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	EN 61008-1
638	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60204-1
639	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60255-26



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
640	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60335-1:(Withdrawn)
641	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60571
642	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60601-1-2:(Withdrawn)
643	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60870-2-1
644	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-2:(Withdrawn)
645	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-3:(Withdrawn)
646	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-4-1:(Withdrawn)
647	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-5-1
648	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-5-2:(Withdrawn)
649	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61000-4-6
650	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61000-6-1
651	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61000-6-2
652	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61008-1
653	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61009-1



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
654	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61326-1:(Withdrawn)
655	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61439-1:(Withdrawn)
656	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61543
657	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61547 :(Withdrawn)
658	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61800-3
659	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61812-1
660	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61850-3
661	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62040-2
662	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62052-11 :(Withdrawn)
663	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-21 :(Withdrawn)
664	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-22:(Withdrawn)
665	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-23 :(Withdrawn)
666	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-24:(Withdrawn)
667	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62055-31



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
668	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC TR 61000-4-1
669	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IS 12640 (Part 1)
670	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IS 12640 (Part 2)
671	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IS 14614
672	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	NMI M 6.1
673	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	OIML TC12
674	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	TEC/SD/DD/EMC-221
675	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency immunity test	IEC 60255-26
676	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio Interference / Disturbance measurement (A) Continuous disturbance (B) Discontinuous disturbance	TEC/SD/DD/EMC-221
677	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	CISPR 16-1-4:(Withdrawn)
678	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	CISPR 32
679	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	CISPR 35



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680	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60034-1
681	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60204-1
682	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60255-26
683	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60571
684	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60601-1-2:(Withdrawn)
685	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60870-2-1
686	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-1 :(Withdrawn)
687	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-2:(Withdrawn)
688	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-3:(Withdrawn)
689	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-4-1:(Withdrawn)
690	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-5-1



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691	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-5-2:(Withdrawn)
692	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61000-6-3 :(Withdrawn)
693	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61000-6-4
694	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61326-1:(Withdrawn)
695	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61439-1:(Withdrawn)
696	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61543
697	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61812-1
698	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61850-3
699	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62040-2
700	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-21 :(Withdrawn)
701	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-22:(Withdrawn)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
702	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-23 :(Withdrawn)
703	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-24:(Withdrawn)
704	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62055-31
705	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62271-1
706	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62271-100:(Withdrawn)
707	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62271-102
708	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 10052 (Part 1)
709	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 13779 :(Withdrawn)
710	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 14614
711	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 14697:(Withdrawn)
712	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 15111 (Part 2)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
713	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 15884
714	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 16102 (Part 2)
715	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 16103 (Part 2)
716	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 16444 (Part 1)
717	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 16444 (Part 2)
718	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 6873 (Part 2):(Withdrawn)
719	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 6873 (Part 5):(Withdrawn)
720	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	EN 61000-6-4:(Withdrawn)
721	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CISPR 11
722	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CISPR 14 -1:(Withdrawn)
723	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CISPR 15



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724	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CISPR 16-1-1:(Withdrawn)
725	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IS 13779
726	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test.	IEC 60255-26
727	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test.	IEC 60870-2-1
728	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	CISPR 14-2:(Withdrawn)
729	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	CISPR 24:(Withdrawn)
730	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	CISPR 35
731	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	EN 50121-4:(Withdrawn)
732	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	EN 61008-1
733	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62052-31
734	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60060-1
735	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60065
736	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60204-1
737	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60255-26
738	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60335-1:(Withdrawn)
739	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60571
740	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60601-1-2:(Withdrawn)



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741	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60870-2-1
742	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-1 :(Withdrawn)
743	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-2:(Withdrawn)
744	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-4-1:(Withdrawn)
745	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-5-1
746	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-5-2:(Withdrawn)
747	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61000-4-5
748	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61000-6-1
749	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61000-6-2
750	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61008-1
751	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61009-1
752	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61326-1:(Withdrawn)
753	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61439-1:(Withdrawn)
754	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61543
755	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61547 :(Withdrawn)
756	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61800-3
757	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61812-1
758	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61850-3
759	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62040-2



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760	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62052-11 :(Withdrawn)
761	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62052-21:(Withdrawn)
762	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62052-22:(Withdrawn)
763	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62052-23:(Withdrawn)
764	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-21 :(Withdrawn)
765	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-22:(Withdrawn)
766	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-23 :(Withdrawn)
767	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-24:(Withdrawn)
768	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62055-31
769	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC TR 61000-4-1
770	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 12640 (Part 1)
771	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 12640 (Part 2)
772	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 13252 (Part 1)
773	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 16444 (Part-1)
774	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 16444( Part-2)
775	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 616
776	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	OIML TC12
777	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge Immunity test	TEC/SD/DD/EMC-221
778	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-3:(Withdrawn)



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
779	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	BSEN 55024
780	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	CISPR 14 -2
781	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	CISPR 14-2:(Withdrawn)
782	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	CISPR 24:(Withdrawn)
783	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	CISPR 35
784	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62052-21
785	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62052-22
786	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62052-23
787	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62052-24
788	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 60255-26
789	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 60335-1:(Withdrawn)
790	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 60870-2-1
791	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 60947-1
792	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 60947-1 :(Withdrawn)
793	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 60947-2:(Withdrawn)
794	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61000-4-11
795	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61000-4-11 :(WITHDRAWN)
796	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61000-6-1
797	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61000-6-2



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

**Validity** 31/03/2022 to 30/03/2024

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
798	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61326-1
799	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61326-1:(Withdrawn)
800	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61439-1
801	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61439-1:(Withdrawn)
802	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61547
803	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61547 :(Withdrawn)
804	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61800-3
805	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 61812-1
806	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62040-2
807	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62052-11
808	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62271-1
809	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62271-100
810	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62271-100
811	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62271-100:(Withdrawn)
812	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	IEC 62271-102
813	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	A.C voltage dips & interruption test	OIML TC12
814	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 60255-26
815	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 60870-2-1
816	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 61000-4-12



# National Accreditation Board for Testing and Calibration Laboratories

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<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
817	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 61008-1
818	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 61009-1
819	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62052-11 :(Withdrawn)
820	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62053-22:(Withdrawn)
821	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62053-23 :(Withdrawn)
822	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62053-24:(Withdrawn)
823	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62055-31
824	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62271-1
825	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62271-100:(Withdrawn)
826	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEC 62271-102
827	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IEEE C37.90.1
828	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory & Ring wave immunity test	IS 12640 (Part 1)
829	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	EC 62052-22
830	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	EN 61000-4-18 :(WITHDRAWN)
831	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-21
832	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-22
833	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-23
834	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-24
835	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-31



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC,  
MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
836	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-11
837	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-21:(Withdrawn)
838	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-22:(Withdrawn)
839	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62052-23:(Withdrawn)
840	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62053-21
841	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62053-22
842	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62053-23
843	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62053-24
844	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Damped oscillatory waves immunity test	IEC 62271-100
845	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	AS/NZS 61000.6.2
846	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	BSEN 50121-4
847	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	BSEN 55024
848	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	BSEN 61000-4-1
849	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	BSEN 61008-1
850	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	BSEN 61009-1
851	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	CBIP Publication No. 304
852	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	CBIP Publication No. 325
853	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	CISPR 14-2
854	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62052-31



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
855	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60601-1-2 + AMEND 1:
856	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-1
857	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-3
858	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-4-1
859	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 60947-5-2
860	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61000-4-4
861	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61326-1
862	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61439-1
863	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61547
864	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 61800-3
865	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62052-11
866	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62052-21:(Withdrawn)
867	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62052-22:(Withdrawn)
868	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62052-23:(Withdrawn)
869	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-21
870	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-22
871	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-23
872	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62053-24
873	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62236-1



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
874	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62236-3-2
875	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IEC 62271-100
876	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrical fast transient burst immunity test	IS 14697
877	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	BSEN 55024
878	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	CBIP Publication No. 304
879	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	CBIP Publication No. 325
880	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	CBIP-TR-111
881	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	CISPR 14 -2
882	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	CISPR 14-2:(Withdrawn)
883	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	CISPR 24:(Withdrawn)
884	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	CISPR 35
885	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	EN 50121-4:(Withdrawn)
886	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62052-31
887	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60204-1
888	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60255-26
889	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60335-1:(Withdrawn)
890	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60571
891	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60601-1-2
892	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60601-1-2:(Withdrawn)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
893	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60870-2-1
894	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-1
895	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-1 :(Withdrawn)
896	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-2 + Amend 1
897	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-2:(Withdrawn)
898	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-3
899	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-3:(Withdrawn)
900	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-4-1
901	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-4-1:(Withdrawn)
902	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-5-1
903	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-5-2
904	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 60947-5-2:(Withdrawn)
905	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61000-4-2
906	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61000-6-1
907	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61000-6-2
908	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61008-1
909	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61009-1
910	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61326-1:(Withdrawn)
911	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61439-1



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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912	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61439-1:(Withdrawn)
913	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61543
914	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61547
915	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61547 :(Withdrawn)
916	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61800-3
917	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 61812-1
918	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62040-2
919	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62052-11
920	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62052-11 :(Withdrawn)
921	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62052-21:(Withdrawn)
922	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62052-23:(Withdrawn)
923	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-21
924	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-21 :(Withdrawn)
925	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-22
926	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-22:(Withdrawn)
927	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-23
928	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-23 :(Withdrawn)
929	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-24
930	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62053-24:(Withdrawn)



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA		
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931	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62055-31
932	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62236-1
933	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC 62236-3-2
934	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IEC TR 61000-4-1
935	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 12640 (Part 1)
936	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 12640 (Part 2)
937	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 13779 :(Withdrawn)
938	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 14614
939	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 14697
940	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 14697:(Withdrawn)
941	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 14700(Part 4/Sec 2)
942	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 15884
943	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 16444 (Par 2)
944	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	IS 16444 (Part 1)
945	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	NMI M 6.1
946	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Electrostatic discharge immunity test	OIML TC12
947	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	CBIP Publication No. 251
948	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 61000-3-12 + AMEMD1
949	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 61000-3-2 + AMEMD-1



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

**Validity** 31/03/2022 to 30/03/2024

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
950	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 61000-4-30 + AMEND1
951	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 62236-1
952	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Harmonics measurements	IEC 62236-3-2
953	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	BSEN 55024
954	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	BSEN 61000-4-1
955	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	CBIP Publication No. 304
956	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	CBIP Publication No. 325
957	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	CISPR 14 -2
958	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62052-31
959	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60601-1-2 with AMND 1
960	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-1 :(Withdrawn)
961	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-2 + AMEND 1
962	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-3
963	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-4-1



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964	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 60947-5-2
965	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61326-1
966	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61439-1
967	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 61547
968	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62052-11
969	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62052-22:(Withdrawn)
970	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62052-23:(Withdrawn)
971	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-21
972	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-22
973	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-23
974	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62053-24
975	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62236-1
976	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Immunity to conducted disturbances, induced by radio frequency fields	IEC 62236-3-2
977	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency immunity test	IEC 61000-4-16



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
978	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	BSEN 55024
979	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	CISPR 24:(Withdrawn)
980	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	CISPR 35
981	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	EN 50121-4:(Withdrawn)
982	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60255-26
983	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60601-1-2
984	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60601-1-2
985	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60601-1-2:(Withdrawn)
986	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60870-2-1
987	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60947-1
988	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60947-1 :(Withdrawn)
989	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60947-2 + Amend 1
990	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 60947-2:(Withdrawn)
991	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61000-4-8
992	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61000-6-1
993	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61000-6-2
994	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61326-1
995	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61326-1:(Withdrawn)
996	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61439-1



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997	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61439-1:(Withdrawn)
998	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61547
999	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61547 :(Withdrawn)
1000	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 61812-1
1001	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Power frequency magnetic field immunity test	IEC 62040-2
1002	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Pulse magnetic field immunity test	EN 61000-4-9
1003	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Pulse magnetic field immunity test	IEC 60870-2-1
1004	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Pulse magnetic field immunity test	IEC 61000-4-9
1005	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	CISPR 14 -1
1006	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	CISPR 14 -2
1007	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60601-1-2
1008	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-1
1009	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-2 + Amend 1
1010	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-3



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1011	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-4-1
1012	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 60947-5-2
1013	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61000-6-3
1014	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61326-1
1015	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 61439-1
1016	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-21
1017	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-22
1018	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-23
1019	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62053-24
1020	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62236-1
1021	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62236-3-2



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1022	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IEC 62271-100
1023	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 10052 (Part 1)
1024	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 14697
1025	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 6873 (Part 2)
1026	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	IS 6873 (Part 5)
1027	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	CISPR 14-1
1028	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	EN 50081-2
1029	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement (A) Continuous disturbances (B) Discontinuous disturbances	EN 61009-1
1030	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	BSEN 50121-4
1031	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	BSEN 55011
1032	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	BSEN 55015



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1033	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	BSEN 55032
1034	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	BSEN 60034-1
1035	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CBIP Publication No. 304
1036	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CBIP Publication No. 325
1037	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CBIP-TR-111
1038	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CISPR 11
1039	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IEC 62052-31
1040	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IEC 62052-11
1041	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IEC 62052-11 :(Withdrawn)
1042	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IEC 62052-21:(Withdrawn)
1043	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IEC 62052-22:(Withdrawn)



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**Accreditation Standard**

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1044	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	IEC 62052-23:(Withdrawn)
1045	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Radio interference/ Disturbance measurement(A) Continuous disturbances (B) Discontinuous disturbances	CISPR 14-2:(Withdrawn)
1046	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test	EN 61000-4-12 :(WITHDRAWN)
1047	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test	IEC 62052-11
1048	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test	IEC 62053-21
1049	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test	IEC 62053-22
1050	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test	IEC 62053-23
1051	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test	IEC 62053-24
1052	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test.	IEC 61008-1
1053	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test.	IEC 61009-1
1054	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test.	IEC 62271-100:(Withdrawn)
1055	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Ring wave immunity test.	IS 12640 (Part 1)
1056	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	BSEN 55024
1057	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	CISPR 14 -2
1058	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60601-1-2
1059	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-1
1060	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-2 + Amend 1



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1061	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-3
1062	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-4-1
1063	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 60947-5-2
1064	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61326-1
1065	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61439-1
1066	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61543
1067	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 61547
1068	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62052-11
1069	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-21
1070	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-22
1071	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-23
1072	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62053-24
1073	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62236-1
1074	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IEC 62236-3-2
1075	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 14697
1076	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 14700(Part 4/Sec 5)
1077	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	IS 15884
1078	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	ITU K.20
1079	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	ITU K.41



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1080	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic Products	Surge immunity test	ITU K.44
1081	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic (Static) Energy Meters	Surge Immunity Test.	IS 13779
1082	ELECTRONICS- POWER SUPPLIES & STABILIZERS	POWER CONDITIONERS	Loss measurement	IS/IEC 61683
1083	ELECTRONICS- POWER SUPPLIES & STABILIZERS	POWER CONDITIONERS	Measurement of Efficiency at available load	IS/IEC 61683
1084	MECHANICAL- SOLAR PANEL	Solar PV module & strings	String I-V curve measurement	IS 16960(Part1)
1085	MECHANICAL- SOLAR PANEL	Solar PV module & strings	PV array infrared camera inspection (Hot spot detection)	IS 16960(Part1)
1086	MECHANICAL- SOLAR PANEL	Solar PV module & strings	PV array Insulation resistance	IS 16960(Part1)
1087	MECHANICAL- SOLAR PANEL	Solar PV module & strings	String I-V curve measurement	IS 16960(Part1)



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LOCATION 2 - PLOT-K-V-2/A, GIDC, SAVLI, MANJUSAR, VADODARA, GUJARAT, INDIA Permanent Facility				
1	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Dry Power Frequency Voltage Withstand Test	IEC 62271 - 1
2	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Dry Power Frequency Voltage Withstand Test	IEC 62271 - 100
3	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Dry Power Frequency Voltage Withstand Test	IEC 62271 - 106
4	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Dry Power Frequency Voltage Withstand Test	IEC 62271 - 203
5	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Dry Power Frequency Voltage Withstand Test	IS/IEC 62271 - 100
6	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Lightning Impulse Voltage Withstand Test	IEC 62271 - 1
7	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Lightning Impulse Voltage Withstand Test	IEC 62271 - 100
8	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Lightning Impulse Voltage Withstand Test	IEC 62271 - 106
9	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Lightning Impulse Voltage Withstand Test	IEC 62271 - 203
10	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Lightning Impulse Voltage Withstand Test	IS/IEC 62271 - 100
11	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Radio Interference Voltage Test	IEC 62271 - 1
12	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Radio Interference Voltage Test	IEC 62271 - 100
13	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Radio Interference Voltage Test	IEC 62271 - 106
14	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Radio Interference Voltage Test	IEC 62271 - 203
15	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Radio Interference Voltage Test	IS/IEC 62271 - 100
16	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 62271 - 1
17	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 62271 - 100
18	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 62271 - 106



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
19	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 62271 - 203
20	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Switching Impulse Voltage Withstand Test (Dry / Wet)	IS/IEC 62271 - 100
21	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Visible Corona Test	IEC 60060 - 1
22	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Visible Corona Test	IS 2071 - 1
23	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Wet Power Frequency Voltage Withstand Test	IEC 62271 - 1
24	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Wet Power Frequency Voltage Withstand Test	IEC 62271 - 100
25	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Wet Power Frequency Voltage Withstand Test	IEC 62271 - 106
26	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Wet Power Frequency Voltage Withstand Test	IEC 62271 - 203
27	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Alternating Current Circuit Breaker	Wet Power Frequency Voltage Withstand Test	IS/IEC 62271 - 100
28	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Aluminium Conductors/ Connectors/ Hardware for overhead Transmission purpose (Sample preparation under customers scope)	Radio Interference Voltage Test	IEC 60060 - 1
29	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Aluminium Conductors/ Connectors/ Hardware for overhead Transmission purpose (Sample preparation under customers scope)	Radio Interference Voltage Test	IEC 61284
30	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Aluminium Conductors/ Connectors/ Hardware for overhead Transmission purpose (Sample preparation under customers scope)	Radio Interference Voltage Test	IS 398 - 5
31	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Aluminium Conductors/ Connectors/ Hardware for overhead Transmission purpose (Sample preparation under customers scope)	Visible Corona Test	IEC 60060 - 1
32	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Aluminium Conductors/ Connectors/ Hardware for overhead Transmission purpose (Sample preparation under customers scope)	Visible Corona Test	IEC 61284
33	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Aluminium Conductors/ Connectors/ Hardware for overhead Transmission purpose (Sample preparation under customers scope)	Visible Corona Test	IS 398 - 5
34	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bus Duct	Dry Power Frequency Voltage Withstand Test	IEC 62271 - 200
35	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bus Duct	Dry Power Frequency Voltage Withstand Test	IS 8084



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

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36	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bus Duct	Lightning Impulse Voltage Withstand Test	IEC 62271 - 200
37	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bus Duct	Lightning Impulse Voltage Withstand Test	IS 8084
38	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Dry Power Frequency Voltage Withstand Test	IEC 60137
39	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Dry Power Frequency Voltage Withstand Test	IS / IEC 60137
40	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Dry Power Frequency Voltage Withstand Test	IS 7421
41	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Electrical Routine Test	IEC 62155
42	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Electrical Routine Test	IS / IEC 62155
43	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Electromagnetic compatibility test	IEC 60137
44	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Electromagnetic compatibility test	IS / IEC 60137
45	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Lightning Impulse Voltage Withstand Test	IEC 60137
46	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Lightning Impulse Voltage Withstand Test	IS / IEC 60137
47	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 60137
48	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Switching Impulse Voltage Withstand Test (Dry / Wet)	IS / IEC 60137
49	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Visible Corona Test	IEC 60060 - 1
50	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Visible corona test	IS 2071 - 1
51	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Wet Power Frequency Voltage Withstand Test	IEC 60137
52	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Wet Power Frequency Voltage Withstand Test	IS / IEC 60137
53	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Bushing (Suitable tank will be provided by customer)	Wet Power Frequency Voltage Withstand Test	IS 7421
54	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Chopped Impulse Voltage Test	IEC 61869 - 1



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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**Accreditation Standard** ISO/IEC 17025:2017

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55	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Chopped Impulse Voltage Test	IEC 61869 - 5
56	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Chopped Impulse Voltage Test	IS 16227 - 1
57	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Chopped Impulse Voltage Test	IS 16227 - 5
58	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Dry Power Frequency Voltage Withstand Test	IEC 61869 - 1
59	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Dry Power Frequency Voltage Withstand Test	IEC 61869 - 5
60	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Dry Power Frequency Voltage Withstand Test	IS 16227 - 1
61	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Dry Power Frequency Voltage Withstand Test	IS 16227 - 5
62	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Lightning Impulse Voltage Test	IEC 61869 - 1
63	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Lightning Impulse Voltage Test	IEC 61869 - 5
64	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Lightning Impulse Voltage Test	IS 16227 - 1
65	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Lightning Impulse Voltage Test	IS 16227 - 5
66	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Multiple Chopped Impulse Voltage Test	IEC 61869 - 1
67	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Multiple Chopped Impulse Voltage Test	IEC 61869 - 5
68	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Multiple Chopped Impulse Voltage Test	IS 16227 - 1
69	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Multiple Chopped Impulse Voltage Test	IS 16227 - 5
70	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Radio Interference Voltage Test	IEC 61869 - 1
71	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Radio Interference Voltage Test	IEC 61869 - 5
72	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Radio Interference Voltage Test	IS 16227 - 1
73	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Radio Interference Voltage Test	IS 16227 - 5



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
74	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Switching Impulse Voltage Test (Dry / Wet)	IEC 61869 - 1
75	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Switching Impulse Voltage Test (Dry / Wet)	IEC 61869 - 5
76	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Switching Impulse Voltage Test (Dry / Wet)	IS 16227 - 1
77	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Switching Impulse Voltage Test (Dry / Wet)	IS 16227 - 5
78	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Transmitted Over Voltage Test	IEC 61869 - 1
79	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Transmitted Over Voltage Test	IEC 61869 - 5
80	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Transmitted Over Voltage Test	IS 16227 - 1
81	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Transmitted Over Voltage Test	IS 16227 - 5
82	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Visible corona test	IEC 60060 - 1
83	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Visible corona test	IS 2071 - 1
84	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Wet Power Frequency Voltage Withstand Test	IEC 61869 - 1
85	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Wet Power Frequency Voltage Withstand Test	IEC 61869 - 5
86	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Wet Power Frequency Voltage Withstand Test	IS 16227 - 1
87	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Capacitive Voltage Transformer	Wet Power Frequency Voltage Withstand Test	IS 16227 - 5
88	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Chopped Impulse Voltage Test	IEC 61869 - 1
89	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Chopped Impulse Voltage Test	IEC 61869 - 4
90	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Chopped Impulse Voltage Test	IS 16227 - 1
91	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Chopped Impulse Voltage Test	IS 16227 - 4
92	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Dry Power Frequency Voltage Withstand Test	IEC 61869 - 1



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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93	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Dry Power Frequency Voltage Withstand Test	IEC 61869 - 4
94	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Dry Power Frequency Voltage Withstand Test	IS 16227 - 1
95	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Dry Power Frequency Voltage Withstand Test	IS 16227 - 4
96	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Lightning Impulse Voltage Test	IEC 61869 - 1
97	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Lightning Impulse Voltage Test	IEC 61869 - 4
98	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Lightning Impulse Voltage Test	IS 16227 - 1
99	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Lightning Impulse Voltage Test	IS 16227 - 4
100	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Multiple Chopped Impulse Voltage Test	IEC 61869 - 1
101	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Multiple Chopped Impulse Voltage Test	IEC 61869 - 4
102	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Multiple Chopped Impulse Voltage Test	IS 16227 - 1
103	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Multiple Chopped Impulse Voltage Test	IS 16227 - 4
104	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Radio Interference Voltage Test	IEC 61869 - 1
105	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Radio Interference Voltage Test	IEC 61869 - 4
106	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Radio Interference Voltage Test	IS 16227 - 1
107	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Radio Interference Voltage Test	IS 16227 - 4
108	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Switching Impulse Voltage Test (Dry / Wet)	IEC 61869 - 1
109	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Switching Impulse Voltage Test (Dry / Wet)	IEC 61869 - 4
110	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Switching Impulse Voltage Test (Dry / Wet)	IS 16227 - 1
111	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Switching Impulse Voltage Test (Dry / Wet)	IS 16227 - 4



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

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112	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Transmitted Over Voltage Test	IEC 61869 - 1
113	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Transmitted Over Voltage Test	IEC 61869 - 4
114	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Transmitted Over Voltage Test	IS 16227 - 1
115	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Transmitted Over Voltage Test	IS 16227 - 4
116	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Visible corona test	IEC 60060 - 1
117	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Visible corona test	IS 2071 - 1
118	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Wet Power Frequency Voltage Withstand Test	IEC 61869 - 1
119	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Wet Power Frequency Voltage Withstand Test	IEC 61869 - 4
120	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Wet Power Frequency Voltage Withstand Test	IS 16227 - 1
121	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Combined Transformers	Wet Power Frequency Voltage Withstand Test	IS 16227 - 4
122	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Chopped Impulse Voltage Test	IEC 61869 - 1
123	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Chopped Impulse Voltage Test	IEC 61869 - 2
124	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Chopped Impulse Voltage Test	IEEE Std. C.57.13
125	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Chopped Impulse Voltage Test	IS 16227 - 1
126	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Chopped Impulse Voltage Test	IS 16227 - 2
127	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Chopped Impulse Voltage Test	IS 2705 - 1 (withdrawn)
128	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Dry Power Frequency Voltage Withstand Test	IEC 61869 - 1
129	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Dry Power Frequency Voltage Withstand Test	IEC 61869 - 2
130	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Dry Power Frequency Voltage Withstand Test	IEEE Std. C.57.13



# National Accreditation Board for Testing and Calibration Laboratories

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**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

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131	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Dry Power Frequency Voltage Withstand Test	IS 16227 - 1
132	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Dry Power Frequency Voltage Withstand Test	IS 16227 - 2
133	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Dry Power Frequency Voltage Withstand Test	IS 2705 - 1 (withdrawn)
134	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Lightning Impulse Voltage Test	IEC 61869 - 1
135	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Lightning Impulse Voltage Test	IEC 61869 - 2
136	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Lightning Impulse Voltage Test	IEEE Std. C.57.13
137	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Lightning Impulse Voltage Test	IS 16227 - 1
138	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Lightning Impulse Voltage Test	IS 16227 - 2
139	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Lightning Impulse Voltage Test	IS 2705 - 1 (withdrawn)
140	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Multiple Chopped Impulse Voltage Test	IEC 61869 - 1
141	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Multiple Chopped Impulse Voltage Test	IEC 61869 - 2
142	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Multiple Chopped Impulse Voltage Test	IS 16227 - 1
143	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Multiple Chopped Impulse Voltage Test	IS 16227 - 2
144	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Radio Interference Voltage Test	IEC 61869 - 1
145	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Radio Interference Voltage Test	IEC 61869 - 2
146	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Radio Interference Voltage Test	IS 16227 - 1
147	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Radio Interference Voltage Test	IS 16227 - 2
148	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Switching Impulse Voltage Test (Dry / Wet)	IEC 61869 - 1
149	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Switching Impulse Voltage Test (Dry / Wet)	IEC 61869 - 2



# National Accreditation Board for Testing and Calibration Laboratories

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
150	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Switching Impulse Voltage Test (Dry / Wet)	IEEE Std. C.57.13
151	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Switching Impulse Voltage Test (Dry / Wet)	IS 16227 - 1
152	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Switching Impulse Voltage Test (Dry / Wet)	IS 16227 - 2
153	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Switching Impulse Voltage Test (Dry / Wet)	IS 2705 - 1(withdrawn)
154	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Transmitted Over Voltage Test	IEC 61869 - 1
155	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Transmitted Over Voltage Test	IEC 61869 - 2
156	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Transmitted Over Voltage Test	IEEE Std. C.57.13
157	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Transmitted Over Voltage Test	IS 16227 - 1
158	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Transmitted Over Voltage Test	IS 16227 - 2
159	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Visible corona test	IEC 60060 - 1
160	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Visible corona test	IS 2071 - 1
161	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Wet Power Frequency Voltage Withstand Test	IEC 61869 - 1
162	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Wet Power Frequency Voltage Withstand Test	IEC 61869 - 2
163	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Wet Power Frequency Voltage Withstand Test	IEEE Std. C.57.13
164	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Wet Power Frequency Voltage Withstand Test	IS 16227 - 1
165	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Wet Power Frequency Voltage Withstand Test	IS 16227 - 2
166	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Current Transformer	Wet Power Frequency Voltage Withstand Test	IS 2705 - 1 (withdrawn)
167	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Dry Power Frequency Voltage Withstand Test	IEC 62271 - 1
168	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Dry Power Frequency Voltage Withstand Test	IEC 62271 - 102



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC,  
MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

**Validity** 31/03/2022 to 30/03/2024

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
169	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Dry Power Frequency Voltage Withstand Test	IEC 62271 - 106
170	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Dry Power Frequency Voltage Withstand Test	IEC 62271 - 203
171	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Dry Power Frequency Voltage Withstand Test	IS / IEC 62271 - 102
172	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Dry Power Frequency Voltage Withstand Test	IS 9921 - 4(withdrawn)
173	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Lightning Impulse Voltage Withstand Test	IEC 62271 - 1
174	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Lightning Impulse Voltage Withstand Test	IEC 62271 - 102
175	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Lightning Impulse Voltage Withstand Test	IEC 62271 - 106
176	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Lightning Impulse Voltage Withstand Test	IEC 62271 - 203
177	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Lightning Impulse Voltage Withstand Test	IS / IEC 62271 - 102
178	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Lightning Impulse Voltage Withstand Test	IS 9921 - 4 (withdrawn)
179	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Radio Interference Voltage Test	IEC 62271 - 1
180	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Radio Interference Voltage Test	IEC 62271 - 102
181	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Radio Interference Voltage Test	IEC 62271 - 106
182	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Radio Interference Voltage Test	IEC 62271 - 203
183	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Radio Interference Voltage Test	IS / IEC 62271 - 102
184	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Radio Interference Voltage Test	IS 9921 - 4(withdrawn)
185	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 62271 - 1
186	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 62271 - 102
187	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 62271 - 106



# National Accreditation Board for Testing and Calibration Laboratories

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<b>Laboratory Name :</b>	ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
188	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 62271 - 203
189	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Switching Impulse Voltage Withstand Test (Dry / Wet)	IS / IEC 62271 - 102
190	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Switching Impulse Voltage Withstand Test (Dry / Wet)	IS 9921 - 4 (withdrawn)
191	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Visible Corona Test	IEC 60060 - 1
192	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Visible Corona Test	IS 2071 - 1
193	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Wet Power Frequency Voltage Withstand Test	IEC 62271 - 1
194	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Wet Power Frequency Voltage Withstand Test	IEC 62271 - 102
195	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Wet Power Frequency Voltage Withstand Test	IEC 62271 - 106
196	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Wet Power Frequency Voltage Withstand Test	IEC 62271 - 203
197	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Wet Power Frequency Voltage Withstand Test	IS / IEC 62271 - 102
198	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Disconnecter (Isolator) and earth switch	Wet Power Frequency Voltage Withstand Test	IS 9921 - 4(withdrawn)
199	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Distribution/ Power/Dry type Transformer	Lightning/Switching Impulse Voltage Test	IEC 60076 - 11
200	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Distribution/ Power/Dry type Transformer	Lightning/Switching Impulse Voltage Test	IEC 60076 - 11
201	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Distribution/ Power/Dry type Transformer	Lightning/Switching Impulse Voltage Test	IEC 60076 - 3
202	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Distribution/ Power/Dry type Transformer	Lightning/Switching Impulse Voltage Test	IEC 60076 - 3
203	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Distribution/ Power/Dry type Transformer	Lightning/Switching Impulse Voltage Test	IEEE 57.12.60
204	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Distribution/ Power/Dry type Transformer	Lightning/Switching Impulse Voltage Test	IEEE 57.12.60
205	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Distribution/ Power/Dry type Transformer	Lightning/Switching Impulse Voltage Test	IEEE 57.12.90
206	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Distribution/ Power/Dry type Transformer	Lightning/Switching Impulse Voltage Test	IEEE 57.12.90



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207	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Distribution/ Power/Dry type Transformer	Lightning/Switching Impulse Voltage Test	IS 11171
208	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Distribution/ Power/Dry type Transformer	Lightning/Switching Impulse Voltage Test	IS 1180 - 1
209	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Distribution/ Power/Dry type Transformer	Lightning/Switching Impulse Voltage Test	IS 1180 - 3
210	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Distribution/ Power/Dry type Transformer	Lightning/Switching Impulse Voltage Test	IS 2026 - 11
211	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Distribution/ Power/Dry type Transformer	Lightning/Switching Impulse Voltage Test	IS 2026 - 3
212	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Distribution/ Power/Dry type Transformer	Lightning/Switching Impulse Voltage Test	IS 2026 - 3
213	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H. G. Fuse & D. O. Fuse	Dry Power Frequency Voltage Withstand Test	IEC 60282-2
214	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H. G. Fuse & D. O. Fuse	Dry Power Frequency Voltage Withstand Test	IS 9385 - 2
215	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H. G. Fuse & D. O. Fuse	Lightning Impulse Voltage Withstand Test	IEC 60282-2
216	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H. G. Fuse & D. O. Fuse	Lightning Impulse Voltage Withstand Test	IS 9385 - 2
217	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H. G. Fuse & D. O. Fuse	Radio Interference Voltage Test	IEC 60282-2
218	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H. G. Fuse & D. O. Fuse	Wet Power Frequency Voltage Withstand Test	IEC 60282-2
219	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H. G. Fuse & D. O. Fuse	Wet Power Frequency Voltage Withstand Test	IS 9385 - 2
220	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H.T. Cable	Lightning Impulse Voltage Test	IEC 60502 - 1
221	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H.T. Cable	Lightning Impulse Voltage Test	IEC 60502 - 2
222	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H.T. Cable	Lightning Impulse Voltage Test	IEC 60502 - 4
223	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H.T. Cable	Lightning Impulse Voltage Test	IEC 60840
224	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H.T. Cable	Lightning Impulse Voltage Test	IS 1554 - 2
225	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H.T. Cable	Lightning Impulse Voltage Test	IS 7098 - 2



# National Accreditation Board for Testing and Calibration Laboratories

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226	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H.T. Cable	Lightning Impulse Voltage Test	IS 9968 - 1
227	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H.T. Cable	Lightning Impulse Voltage Test	IS 9968 - 2
228	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H.T. Stator Coil	Lightning Impulse Voltage Withstand Test on interturn insulation	IEC 60034 - 15
229	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H.T. Stator Coil	Lightning Impulse Voltage Withstand Test on interturn insulation	IS 14222
230	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H.T. Stator Coil	Lightning Impulse Voltage Withstand Test on main insulation	IEC 60034 - 15
231	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H.T. Stator Coil	Lightning Impulse Voltage Withstand Test on main insulation	IS 14222
232	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H.T. Stator Coil	Power Frequency Voltage Withstand Test	IEC 60034 - 15
233	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	H.T. Stator Coil	Power Frequency Voltage Withstand Test	IS 14222
234	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Dry Power Frequency Voltage Withstand Test	IEC 60060 - 1
235	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Switching Impulse Voltage Flashover Test (Dry / Wet)	IEC 60060 - 1
236	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Switching Impulse Voltage Flashover Test (Dry / Wet)	IS 2071 - 1
237	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 60060 - 1
238	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Switching Impulse Voltage Withstand Test (Dry / Wet)	IS 2071 - 1
239	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Dry Power Frequency Voltage Flashover Test	IEC 60060 - 1
240	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Dry Power Frequency Voltage Flashover Test	IS 2071 - 1
241	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Dry Power Frequency Voltage Withstand Test	IS 2071 - 1
242	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Lightning Impulse Voltage Flashover Test	IEC 60060 - 1



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243	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Lightning Impulse Voltage Flashover Test	IS 2071 - 1
244	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Lightning Impulse Voltage Withstand Test	IEC 60060 - 1
245	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Lightning Impulse Voltage Withstand Test	IS 2071 - 1
246	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Radio Interference voltage test	IEC 61284
247	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Visible corona test	IEC 60060 - 1
248	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Visible Corona Test	IEC 61284
249	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Visible corona test	IS 2071 - 1
250	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Wet Power Frequency Voltage Flashover Test	IEC 60060 - 1
251	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Wet Power Frequency Voltage Flashover Test	IS 2071 - 1
252	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Wet Power Frequency Voltage Withstand Test	IEC 60060 - 1
253	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Insulating Product (e.g. Cable boot, Ladder, Earthing Rod, Silicone Rubber Tube, Bird Diverter etc.)	Wet Power Frequency Voltage Withstand Test	IS 2071 - 1
254	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Panel	Dry Power Frequency Voltage Test	IEC 62271 - 1
255	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Panel	Lightning Impulse Voltage Test	IEC 62271 - 1
256	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Panel	Lightning Impulse Voltage Test	IEC 62271 - 200
257	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Panel	Wet Power Frequency Voltage Test	IEC 62271 - 1
258	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Panel	Wet Power Frequency Voltage Test	IEC 62271 - 200
259	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	High Voltage Panel	Dry Power Frequency Voltage Test	IEC 62271-200
260	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Chopped Impulse Voltage Test	IEC 61869 - 1
261	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Chopped Impulse Voltage Test	IEC 61869 - 3



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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262	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Chopped Impulse Voltage Test	IEEE Std. C.57.13
263	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Chopped Impulse Voltage Test	IS 16227 - 1
264	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Chopped Impulse Voltage Test	IS 16227 - 3
265	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Chopped Impulse Voltage Test	IS 3156 - 1(withdrawn)
266	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Dry Power Frequency Voltage Withstand Test	IEC 61869 - 1
267	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Dry Power Frequency Voltage Withstand Test	IEC 61869 - 3
268	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Dry Power Frequency Voltage Withstand Test	IEEE Std. C.57.13
269	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Dry Power Frequency Voltage Withstand Test	IS 16227 - 1
270	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Dry Power Frequency Voltage Withstand Test	IS 16227 - 3
271	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Dry Power Frequency Voltage Withstand Test	IS 3156 - 1(withdrawn)
272	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Lightning Impulse Voltage Test	IEC 61869 - 1
273	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Lightning Impulse Voltage Test	IEC 61869 - 3
274	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Lightning Impulse Voltage Test	IEEE Std. C.57.13
275	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Lightning Impulse Voltage Test	IS 16227 - 1
276	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Lightning Impulse Voltage Test	IS 16227 - 3
277	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Lightning Impulse Voltage Test	IS 3156 - 1(withdrawn)
278	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Multiple Chopped Impulse Voltage Test	IEC 61869 - 1
279	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Multiple Chopped Impulse Voltage Test	IEC 61869 - 3
280	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Multiple Chopped Impulse Voltage Test	IS 16227 - 1



# National Accreditation Board for Testing and Calibration Laboratories

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281	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Multiple Chopped Impulse Voltage Test	IS 16227 - 3
282	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Radio Interference Voltage Test	IEC 61869 - 1
283	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Radio Interference Voltage Test	IEC 61869 - 3
284	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Radio Interference Voltage Test	IS 16227 - 1
285	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Radio Interference Voltage Test	IS 16227 - 3
286	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Switching Impulse Voltage Test (Dry / Wet)	IEC 61869 - 1
287	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Switching Impulse Voltage Test (Dry / Wet)	IEC 61869 - 3
288	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Switching Impulse Voltage Test (Dry / Wet)	IEEE Std. C.57.13
289	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Switching Impulse Voltage Test (Dry / Wet)	IS 16227 - 1
290	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Switching Impulse Voltage Test (Dry / Wet)	IS 16227 - 3
291	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Switching Impulse Voltage Test (Dry / Wet)	IS 3156 - 1(withdrawn)
292	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Transmitted Over Voltage Test	IEC 61869 - 1
293	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Transmitted Over Voltage Test	IEC 61869 - 3
294	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Transmitted Over Voltage Test	IEEE Std. C.57.13
295	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Transmitted Over Voltage Test	IS 16227 - 1
296	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Transmitted Over Voltage Test	IS 16227 - 3
297	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Visible corona test	IEC 60060 - 1
298	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Visible corona test	IS 2071 - 1
299	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Wet Power Frequency Voltage Withstand Test	IEC 61869 - 1



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## SCOPE OF ACCREDITATION

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**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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300	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Wet Power Frequency Voltage Withstand Test	IEC 61869 - 3
301	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Wet Power Frequency Voltage Withstand Test	IEEE Std. C.57.13
302	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Wet Power Frequency Voltage Withstand Test	IS 16227 - 1
303	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Wet Power Frequency Voltage Withstand Test	IS 16227 - 3
304	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Inductive Voltage Transformer	Wet Power Frequency Voltage Withstand Test	IS 3156 - 1(withdrawn)
305	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulating Oils / Transformer oils	Dielectric breakdown voltage under impulse condition	ASTM D 3300
306	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulating Oils / Transformer oils	Lightning impulse break down voltage test	IEC 60897
307	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Withstand Test	IS 2071 - 1
308	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Flashover Test	ANSI NEMA C29.1
309	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Flashover Test	ANSI NEMA C29.9
310	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Flashover Test	IEC 60060 - 1
311	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Flashover Test	IEC 60168
312	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Flashover Test	IEC 60660
313	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Flashover Test	IEC 62217
314	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Flashover Test	IS / IEC 60168
315	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Flashover Test	IS 2071 - 1
316	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Flashover Test	IS 9431
317	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Withstand Test	ANSI NEMA C29.1
318	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Withstand Test	ANSI NEMA C29.9



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319	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Withstand Test	IEC 60060 - 1
320	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Withstand Test	IEC 60168
321	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Withstand Test	IEC 60660
322	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Withstand Test	IEC 62217
323	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Withstand Test	IS / IEC 60168
324	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Withstand Test	IS 5300
325	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Dry Power Frequency Voltage Withstand Test	IS 9431
326	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Electrical Routine Test	IS / IEC 62155
327	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Puncture Test	IEC 60660
328	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Puncture Test	IS 9431
329	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Flashover Test	ANSI NEMA C29.1
330	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Flashover Test	ANSI NEMA C29.9
331	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Flashover Test	IEC 60060 - 1
332	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Flashover Test	IEC 60168
333	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Flashover Test	IEC 60383 - 1
334	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Flashover Test	IEC 60383 - 2
335	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Flashover Test	IEC 60660
336	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Flashover Test	IEC 61109
337	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Flashover Test	IEC 62231



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338	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Flashover Test	IS / IEC 60168
339	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Flashover Test	IS 2071 - 1
340	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Flashover Test	IS 731
341	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Flashover Test	IS 9431
342	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Withstand Test	ANSI NEMA C29.1
343	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Withstand Test	ANSI NEMA C29.9
344	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Withstand Test	IEC 60060 - 1
345	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Withstand Test	IEC 60168
346	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Withstand Test	IEC 60383 - 1
347	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Withstand Test	IEC 60383 - 2
348	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Withstand Test	IEC 60660
349	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Withstand Test	IEC 61109
350	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Withstand Test	IEC 62231
351	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Withstand Test	IS / IEC 60168
352	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Withstand Test	IS 2071 - 1
353	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Withstand Test	IS 731
354	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Lightning Impulse Voltage Withstand Test	IS 9431
355	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Power Frequency puncture voltage Test	IS / IEC 60168
356	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Power Frequency puncture voltage Test	IS 731



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357	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Radio Interference voltage test	ANSI NEMA C29.1
358	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Radio Interference voltage test	ANSI NEMA C29.9
359	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Radio Interference voltage test	IEC 60437
360	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Radio Interference voltage test	IS 8263
361	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Steep-front impulse voltage test	IEC 62217
362	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Switching Impulse Voltage Flashover Test (Dry / Wet)	IEC 60060 - 1
363	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Switching Impulse Voltage Flashover Test (Dry / Wet)	IEC 60168
364	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Switching Impulse Voltage Flashover Test (Dry / Wet)	IEC 60383 - 2
365	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Switching Impulse Voltage Flashover Test (Dry / Wet)	IEC 61109
366	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Switching Impulse Voltage Flashover Test (Dry / Wet)	IS / IEC 60168
367	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Switching Impulse Voltage Flashover Test (Dry / Wet)	IS 2071 - 1
368	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 60060 - 1
369	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 60168
370	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 60383 - 2
371	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 61109
372	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Switching Impulse Voltage Withstand Test (Dry / Wet)	IS / IEC 60168
373	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Switching Impulse Voltage Withstand Test (Dry / Wet)	IS 2071 - 1
374	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Visible discharge test	IS / IEC 60168
375	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Visible discharge test	IS 731



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376	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Visible Discharge/corona test	IEC 60060 - 1
377	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Visible Discharge/corona test	IS 2071 - 1
378	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Voltage Distribution Test	IEC 60060 - 1
379	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Voltage Distribution Test	IS 2071 - 1
380	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Flashover Test	IEC 60060 - 1
381	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Flashover Test	ANSI NEMA C29.1
382	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Flashover Test	ANSI NEMA C29.9
383	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Flashover Test	IEC 60168
384	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Flashover Test	IEC 60383 - 1
385	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Flashover Test	IEC 60383 - 2
386	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Flashover Test	IEC 61109
387	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Flashover Test	IEC 62231
388	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Flashover Test	IS / IEC 60168
389	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Flashover Test	IS 2071 - 1
390	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Flashover Test	IS 731
391	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Withstand Test	ANSI NEMA C29.1
392	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Withstand Test	ANSI NEMA C29.9
393	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Withstand Test	IEC 60060 - 1
394	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Withstand Test	IEC 60168



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395	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Withstand Test	IEC 60383 - 1
396	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Withstand Test	IEC 60383 - 2
397	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Withstand Test	IEC 61109
398	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Withstand Test	IEC 62231
399	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Withstand Test	IS / IEC 60168
400	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Withstand Test	IS 2071 - 1
401	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Insulator	Wet Power Frequency Voltage Withstand Test	IS 731
402	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	INSULATOR	Steep-front impulse voltage test	IEC 62217
403	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	L.T. / H.T. Power Capacitor	Lightning Impulse Voltage Test	CSA: C22.2 NO. 190-M
404	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	L.T. / H.T. Power Capacitor	Lightning Impulse Voltage Test	IEC 60831 - 1
405	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	L.T. / H.T. Power Capacitor	Lightning Impulse Voltage Test	IEC 60831 - 2
406	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	L.T. / H.T. Power Capacitor	Lightning Impulse Voltage Test	IEC 60871 - 1
407	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	L.T. / H.T. Power Capacitor	Lightning Impulse Voltage Test	IEC 60871 - 2
408	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	L.T. / H.T. Power Capacitor	Lightning Impulse Voltage Test	IS 11530
409	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	L.T. / H.T. Power Capacitor	Lightning Impulse Voltage Test	IS 13340 - 1
410	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	L.T. / H.T. Power Capacitor	Lightning Impulse Voltage Test	IS 13340 - 2
411	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	L.T. / H.T. Power Capacitor	Lightning Impulse Voltage Test	IS 13585 - 1
412	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	L.T. / H.T. Power Capacitor	Lightning Impulse Voltage Test	IS 13925 - 1
413	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	L.T. / H.T. Power Capacitor	Lightning Impulse Voltage Test	IS 13925 - 2



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414	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Dry Power frequency voltage test	IEC 60099 - 4
415	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Dry Power frequency voltage test	IS 15086 - 4
416	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Dry Power frequency voltage test	IS 3070 - 3(withdrawn)
417	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Lightning Impulse Residual Voltage Test at 500 Amp.	IEC 60099 - 4
418	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Lightning Impulse Residual Voltage Test at 500 Amp.	IS 15086 - 4
419	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Lightning Impulse Residual Voltage Test at 500 Amp.	IS 3070 - 3(withdrawn)
420	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Lightning Impulse Voltage Test	IEC 60099 - 4
421	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Lightning Impulse Voltage Test	IS 15086 - 4
422	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Lightning Impulse Voltage Test	IS 3070 - 3(withdrawn)
423	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Measurement of power frequency voltage at reference current	IEC 60099 - 4
424	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Measurement of power frequency voltage at reference current	IS 15086 - 4
425	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Measurement of power frequency voltage at reference current	IS 3070 - 3(withdrawn)
426	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Radio Interference voltage test	IEC 60099 - 4
427	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 60099 - 4
428	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Switching Impulse Voltage Withstand Test (Dry / Wet)	IS 15086 - 4
429	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Switching Impulse Voltage Withstand Test (Dry / Wet)	IS 3070 - 3(withdrawn)
430	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Wet power frequency voltage test	IEC 60099 - 4
431	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Wet power frequency voltage test	IS 15086 - 4



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432	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Lighting arrester / Housing	Wet power frequency voltage test	IS 3070 - 3(withdrawn)
433	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Line Traps	Dry Power Frequency Voltage Withstand Test	IEC 60353
434	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Line Traps	Lightning Impulse Voltage Withstand Test	IEC 60353
435	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Reactors	Lightning Impulse Voltage Test	IEC 60076 - 4
436	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Reactors	Lightning Impulse Voltage Test	IS 2026 - 6
437	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Reactors	Lightning Impulse Voltage Test	IS 5553-3 ( Withdrawn)
438	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Reactors	Lightning Impulse Voltage Test	IS 5553-4 ( Withdrawn)
439	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Dry Power Frequency Voltage Withstand Test	IEC 62271 - 1
440	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Dry Power Frequency Voltage Withstand Test	IEC 62271 - 103
441	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Dry Power Frequency Voltage Withstand Test	IS / IEC 62271 - 103
442	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Dry Power Frequency Voltage Withstand Test	IS / IEC 62271 - 104
443	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Dry Power Frequency Voltage Withstand Test	IS / IEC 62271 - 105
444	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Dry Power Frequency Voltage Withstand Test	IS 9920 - 1 (withdrawn)
445	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Dry Power Frequency Voltage Withstand Test	IS 9920 - 4(withdrawn)
446	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Lightning Impulse Voltage Withstand Test	IEC 62271 - 1
447	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Lightning Impulse Voltage Withstand Test	IEC 62271 - 103
448	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Lightning Impulse Voltage Withstand Test	IS / IEC 62271 - 103
449	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Lightning Impulse Voltage Withstand Test	IS / IEC 62271 - 104
450	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Lightning Impulse Voltage Withstand Test	IS / IEC 62271 - 105



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451	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Lightning Impulse Voltage Withstand Test	IS 9920 - 1 (withdrawn)
452	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Lightning Impulse Voltage Withstand Test	IS 9920 - 4 (withdrawn)
453	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Radio Interference Voltage Test	IEC 62271 - 1
454	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Switching Impulse Voltage Withstand Test (Dry / Wet)	IEC 62271 - 1
455	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Wet Power Frequency Voltage Withstand Test	IEC 62271 - 1
456	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Wet Power Frequency Voltage Withstand Test	IEC 62271 - 103
457	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Wet Power Frequency Voltage Withstand Test	IS / IEC 62271 - 103
458	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Wet Power Frequency Voltage Withstand Test	IS / IEC 62271 - 104
459	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Wet Power Frequency Voltage Withstand Test	IS / IEC 62271 - 105
460	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Wet Power Frequency Voltage Withstand Test	IS 9920 - 1 (withdrawn)
461	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Switch	Wet Power Frequency Voltage Withstand Test	IS 9920 - 4 (withdrawn)
462	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Tap Changer (Suitable tank will be provided by customer)	Applied voltage test (Dry Power Frequency Voltage Withstand Test)	IEC 60214 - 1
463	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Tap Changer (Suitable tank will be provided by customer)	Chopped Impulse voltage test	IEC 60214 - 1
464	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Tap Changer (Suitable tank will be provided by customer)	Lightning Impulse Voltage test	IEC 60214 - 1
465	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Tap Changer (Suitable tank will be provided by customer)	Switching Impulse voltage test	IEC 60214 - 1
466	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the Cut-Off current Characteristic	IEC 60269-1
467	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the Cut-Off current Characteristic	IEC 60269-2
468	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the Cut-Off current Characteristic	IS/IEC 60269-1



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469	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Alternating current disconnectors and earthing switches, AC metal enclosed switchgear and controlgear assembly	Short time withstand current and peak withstand current	IEC 62271-1
470	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Alternating current disconnectors and earthing switches, AC metal enclosed switchgear and controlgear assembly	Short time withstand current and peak withstand current	IEC 62271-200
471	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Alternating current disconnectors and earthing switches, AC metal enclosed switchgear and controlgear assembly	Short time withstand current and peak withstand current	IS 9921-4 (withdrawn)
472	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Alternating current disconnectors and earthing switches, AC metal enclosed switchgear and controlgear assembly	Short time withstand current and peak withstand current	IS/IEC 62271-102
473	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Alternating current disconnectors and earthing switches, AC metal enclosed switchgear and controlgear assembly	Short time withstand current and peak withstand current	IS/IEC 62271-200
474	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Alternating current switches	Short time withstand current and peak withstand current test	IEC 60265-1
475	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Alternating current switches	Short time withstand current and peak withstand current test	IEC 62271-1
476	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Alternating current switches	Short time withstand current and peak withstand current test	IS 9920 (Part 1) (withdrawn)
477	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Alternating current switches	Short time withstand current and peak withstand current test	IS 9920 (Part 4) (withdrawn)
478	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Alternating current switches	Short time withstand current and peak withstand current test	IS/IEC 62271-1
479	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Automatic transfer switching equipment	Verification of rated fused short circuit current	IEC 60947-1
480	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Automatic transfer switching equipment	Verification of rated fused short circuit current	IEC 60947-1
481	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Automatic transfer switching equipment	Verification of rated fused short circuit current	IEC 60947-6-1
482	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Bushing for alternating voltage above 1000V	Verification of thermal short-time current withstand	IS 2099
483	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Busways	Verification of crushing resistance	IEC 61439-6
484	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Busways	Verification of structural strength	IEC 61439-6
485	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Busways	Verification of the electrical characteristics of the busbar trunking system	IEC 61439-6



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486	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Cables & wires	Short circuit test	IEC 61914
487	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Distribution Pillar	Verification of the Short-circuit Strength	IS 5039
488	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Electrical power connectors	Resistance test	IS 5561
489	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Electrical power connectors	Short-time current	IS 5561
490	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IEC 60137
491	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IEC 60214-1
492	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IEC 62271-1
493	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IEC 62271-100
494	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IEC 62271-102
495	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IEC 62271-103
496	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IEC 62271-200
497	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS 2099 (withdrawn)
498	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS 3427
499	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS 5561
500	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS 8084
501	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS 9385 (Part 1)
502	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS 9385 (Part 2)
503	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS 9920 (Part 1) (withdrawn)
504	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS 9920 (Part 2) (withdrawn)



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505	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS 9921 (Part 4) (withdrawn)
506	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS/IEC 60137
507	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS/IEC 62271-1
508	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS/IEC 62271-100
509	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS/IEC 62271-102
510	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS/IEC 62271-103
511	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Temperature-rise limits	IS/IEC 62271-200
512	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Measurement of the Resistance of the main circuit	IEC 62271-100
513	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Measurement of the Resistance of the main circuit	IEC 62271-102
514	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Measurement of the Resistance of the main circuit	IEC 62271-103
515	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Measurement of the Resistance of the main circuit	IEC 62271-200
516	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Measurement of the Resistance of the main circuit	IS/IEC 62271-1
517	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Measurement of the Resistance of the main circuit	IS/IEC 62271-100
518	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Measurement of the Resistance of the main circuit	IS/IEC 62271-102
519	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Measurement of the Resistance of the main circuit	IS/IEC 62271-103
520	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Short-time Withstand current and peak Withstand current	IEC 62271-100
521	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Short-time Withstand current and peak Withstand current	IEC 62271-200
522	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Short-time Withstand current and peak Withstand current	IEC 62271-203
523	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and controlgear	Short-time Withstand current and peak Withstand current	IS/IEC 62271-1



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524	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and contolgear	Short-time Withstand current and peak Withstand current	IS/IEC 62271-100
525	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IEC 60214-1
526	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IEC 62271-1
527	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IEC 62271-100
528	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IEC 62271-100
529	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IEC 62271-102
530	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IEC 62271-103
531	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IEC 62271-200
532	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IS 3427
533	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IS 9385 (Part 1)
534	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IS 9385 (Part 2)
535	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IS 9920 (Part 1) (withdrawn)
536	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IS 9920 (Part 2) (withdrawn)
537	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IS 9921 (Part 4) (withdrawn)
538	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IS/IEC 62271-1
539	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IS/IEC 62271-100
540	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IS/IEC 62271-102
541	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IS/IEC 62271-103
542	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High voltage switchgear and control gear	Verification of temperature rise	IS/IEC 62271-200



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543	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear	Short-time and peak Withstand current	IEC 62271-1
544	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear	Short-time and peak Withstand current	IEC 62271-100
545	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear	Short-time and peak Withstand current	IEC 62271-102
546	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear	Short-time and peak Withstand current	IEC 62271-103
547	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear	Short-time and peak Withstand current	IEC 62271-200
548	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear	Short-time and peak Withstand current	IS/IEC 62271-1
549	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear	Short-time and peak Withstand current	IS/IEC 62271-100
550	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear	Short-time and peak Withstand current	IS/IEC 62271-102
551	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear	Short-time and peak Withstand current	IS/IEC 62271-103
552	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage switchgear and controlgear	Short-time and peak Withstand current	IS/IEC 62271-200
553	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage/low-voltage prefabricated substation	Short-time Withstand current and peak withstand current test	IEC 62271-202
554	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	High-voltage/low-voltage prefabricated substation	Short-time Withstand current and peak withstand current test	IS/IEC 62271-202
555	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	HT Busduct	Short-time current	IS 8084
556	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	HT Busduct	Verification of temperature rise	IS 8084
557	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Induce Overvoltage Withstand	IS 2026-1
558	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IEC 60076-1



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559	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IEC 60076-11
560	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IEC 60076-3
561	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IEC 60076-4
562	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IEC 60076-5
563	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IS 2026-1
564	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IS 2026-2
565	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IS 2026-3



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566	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IS 2026-4
567	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IS 2026-5
568	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IS 2026-6
569	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IS 11171
570	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IS 1180-1
571	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IS 1180-3
572	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Demonstration of ability to withstand short circuit (Ability to withstand the dynamic effects of short circuit and Thermal ability to withstand short circuit)	IS 2026-11
573	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	High Voltage	IEC 60076-1



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574	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	High Voltage	IEC 60076-11
575	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	High Voltage	IS 2026-1
576	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	High Voltage	IS 11171
577	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	High Voltage	IS 1180-1
578	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	High Voltage	IS 1180-3
579	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	High Voltage	IS 2026-11
580	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Induce Overvoltage Withstand	IEC 60076-1
581	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Induce Overvoltage Withstand	IEC 60076-11
582	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Induce Overvoltage Withstand	IS 11171
583	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Induce Overvoltage Withstand	IS 1180-1
584	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Induce Overvoltage Withstand	IS 1180-3
585	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Induce Overvoltage Withstand	IS 2026-11
586	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of impedance voltage/short circuit impedance and load loss	IEC 60076-1
587	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of impedance voltage/short circuit impedance and load loss	IEC 60076-11
588	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of impedance voltage/short circuit impedance and load loss	IS 2026-1
589	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of impedance voltage/short circuit impedance and load loss	IS 11171
590	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of impedance voltage/short circuit impedance and load loss	IS 1180-1



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## SCOPE OF ACCREDITATION

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**Accreditation Standard** ISO/IEC 17025:2017

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591	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of impedance voltage/short circuit impedance and load loss	IS 1180-3
592	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of impedance voltage/short circuit impedance and load loss	IS 2026-11
593	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of Insulation resistance	IEC 60076-1
594	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of Insulation resistance	IS 2026-1
595	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of Insulation resistance	IS 1180-1
596	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of Insulation resistance	IS 1180-3
597	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of Insulation resistance	IS 2026-11
598	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of no-load loss and current	IEC 60076-1
599	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of no-load loss and current	IEC 60076-11
600	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of no-load loss and current	IS 2026-1
601	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of no-load loss and current	IS 11171
602	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of no-load loss and current	IS 1180-1
603	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of no-load loss and current	IS 1180-3
604	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of no-load loss and current	IS 2026-11
605	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of voltage ratio and check of voltage vector relationship	IEC 60076-1
606	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of voltage ratio and check of voltage vector relationship	IEC 60076-11
607	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of voltage ratio and check of voltage vector relationship	IS 11171



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608	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of voltage ratio and check of voltage vector relationship	IS 1180-1
609	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of voltage ratio and check of voltage vector relationship	IS 1180-3
610	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of voltage ratio and check of voltage vector relationship	IS 2026-11
611	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of voltage ratio and check of voltage vector relationship	IS 2026-1
612	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of winding resistance	IEC 60076-1
613	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of winding resistance	IEC 60076-11
614	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of winding resistance	IS 2026-1
615	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of winding resistance	IS 11171
616	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of winding resistance	IS 1180-1
617	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of winding resistance	IS 1180-3
618	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Inductors and Transformers	Measurement of winding resistance	IS 2026-11
619	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Insulated Bushing	Verification of temperature rise	IEC 60137
620	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Insulated Bushing	Verification of temperature rise	IS 2099 (withdrawn)
621	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Insulated Bushing	Verification of temperature rise	IS/IEC 60137
622	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Insulated Bushing for alternating voltage above 1000V	Verification of thermal short-time current withstand	IEC 60137
623	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of I <sup>2</sup> t Characteristic and Overcurrent Discrimination	IEC 60269-1
624	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of I <sup>2</sup> t Characteristic and Overcurrent Discrimination	IS 13703-1



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625	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of I <sup>2</sup> t Characteristic and Overcurrent Discrimination	IS/IEC 60269-1
626	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the breaking Capacity	IEC 60269-1
627	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the breaking Capacity	IEC 60269-2
628	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the breaking Capacity	IS 13703-1
629	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the breaking Capacity	IS 13703-4
630	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the breaking Capacity	IS/IEC 60269-1
631	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the Cut-Off current Characteristic	IS 13703-1
632	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the Cut-Off current Characteristic	IS 13703-4
633	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the peak withstand current of a fuse-base	IEC 60269-1
634	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the peak withstand current of a fuse-base	IEC 60269-2
635	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the peak withstand current of a fuse-base	IS 13703-1
636	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the peak withstand current of a fuse-base	IS 13703-2-1
637	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage Fuses	Verification of the peak withstand current of a fuse-base	IS/IEC 60269-1
638	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IEC 60947-1
639	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IEC 60947-2
640	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IEC 60947-3
641	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IEC 60947-4-1



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642	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IEC 61439-1
643	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IEC 61439-2
644	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IEC 61439-3
645	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IEC 61439-4
646	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IEC 61439-6
647	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IS 2675
648	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IS 5039
649	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IS 8623-1 (withdrawn)
650	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IS 8623-2 (withdrawn)
651	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IS 8623-3 (withdrawn)
652	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IS/IEC 60947-1
653	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IS/IEC 60947-2
654	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IS/IEC 60947-3
655	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IS/IEC 60947-4-1
656	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IS/IEC 61439-1
657	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear	Verification of temperature rise	IS/IEC 61439-2
658	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IEC 60947-1
659	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IEC 60947-2
660	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IEC 60947-3



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661	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IEC 60947-4-1
662	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IEC 61439-1
663	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IEC 61439-2
664	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IEC 61439-3
665	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IEC 61439-4
666	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IEC 61439-6
667	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IS 2675
668	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IS 5039
669	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IS 8623- 1 (withdrawn)
670	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IS 8623-2 (withdrawn)
671	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IS 8623-3 (withdrawn)
672	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IS/IEC 60947-1
673	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IS/IEC 60947-2
674	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IS/IEC 60947-3
675	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IS/IEC 60947-4-1
676	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IS/IEC 61439-1
677	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and control gear assemblies	Verification of dielectric withstand	IS/IEC 61439-2
678	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and controlgear	Leakage current measurement	IS/IEC 60947-2
679	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and controlgear	Individual pole shot circuit breaking capacity (lit)	IS/IEC 60647-2



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680	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and controlgear	Individual pole short circuit breaking capacity (I <sub>su</sub> )	IS/IEC 60647-2
681	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and controlgear	Leakage current measurement	IEC 60947-1
682	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and controlgear	Leakage current measurement	IEC 60947-2
683	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and controlgear	Leakage current measurement	IEC 60947-3
684	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and controlgear	Leakage current measurement	IEC 60947-4-1
685	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and controlgear	Leakage current measurement	IS/IEC 60947-1
686	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and controlgear	Leakage current measurement	IS/IEC 60947-3
687	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low voltage switchgear and controlgear	Leakage current measurement	IS/IEC 60947-4-1
688	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Combined test sequence (VI)	IEC 60947-1
689	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Combined test sequence (VI)	IEC 60947-2
690	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Combined test sequence (VI)	IS/IEC 60947-1
691	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Combined test sequence (VI)	IS/IEC 60947-2
692	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Fuse Protected Short-circuit Making	IEC 60947-1
693	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Fuse Protected Short-circuit Making	IEC 60947-3
694	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Fuse Protected Short-circuit Making	IS/IEC 60947-1
695	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Fuse Protected Short-circuit Making	IS/IEC 60947-1
696	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Fuse Protected Short-circuit Making	IS/IEC 60947-3
697	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Fuse Protected Short-circuit Withstand	IEC 60947-1
698	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Fuse Protected Short-circuit Withstand	IEC 60947-3



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699	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Fuse Protected Short-circuit Withstand	IS/IEC 60947-1
700	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Fuse Protected Short-circuit Withstand	IS/IEC 60947-3
701	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Overload Performance	IEC 60947-1
702	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Overload Performance	IEC 60947-2
703	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Overload Performance	IS/IEC 60947-1
704	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Overload Performance	IS/IEC 60947-2
705	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Performance Under Short - circuit Conditions	IEC 60947-1
706	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Performance Under Short - circuit Conditions	IEC 60947-4-1
707	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Performance Under Short - circuit Conditions	IS/IEC 60947-1
708	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Performance Under Short - circuit Conditions	IS/IEC 60947-4-1
709	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Rated service short-circuit breaking capacity	IEC 60947-1
710	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Rated service short-circuit breaking capacity	IEC 60947-2
711	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Rated service short-circuit breaking capacity	IS/IEC 60947-1
712	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Rated service short-circuit breaking capacity	IS/IEC 60947-2
713	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Rated short-time withstand current	IEC 60947-1
714	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Rated short-time withstand current	IEC 60947-2
715	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Rated short-time withstand current	IEC 60947-3
716	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Rated short-time withstand current	IS/IEC 60947-2
717	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Rated short-time withstand current	IS/IEC 60947-3



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718	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Rated ultimate short-circuit breaking capacity	IEC 60947-1
719	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Rated ultimate short-circuit breaking capacity	IEC 60947-2
720	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Rated ultimate short-circuit breaking capacity	IEC 60947-2
721	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Rated ultimate short-circuit breaking capacity	IS/IEC 60947-1
722	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Rated ultimate short-circuit breaking capacity	IS/IEC 60947-2
723	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Short-circuit making Capacity	IEC 60947-1
724	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Short-circuit making Capacity	IEC 60947-3
725	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Short-circuit making Capacity	IS/IEC 60947-1
726	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Short-circuit making Capacity	IS/IEC 60947-3
727	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Test of short-circuit breaking capacity at the maximum short-time withstand current	IEC 60947-1
728	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Test of short-circuit breaking capacity at the maximum short-time withstand current	IEC 60947-2
729	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Test of short-circuit breaking capacity at the maximum short-time withstand current	IS/IEC 60947-1
730	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Test of short-circuit breaking capacity at the maximum short-time withstand current	IS/IEC 60947-2
731	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Verification of Operational Capability	IEC 60947-1
732	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Verification of Operational Capability	IEC 60947-2
733	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Verification of Operational Capability	IS/IEC 60947-1
734	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Verification of Operational Capability	IS/IEC 60947-2



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735	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Verification of Overload Releases	IEC 60947-1
736	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Verification of Overload Releases	IEC 60947-2
737	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Verification of Overload Releases	IEC 60947-4-1
738	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Verification of Overload Releases	IS/IEC 60947-1
739	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Verification of Overload Releases	IS/IEC 60947-2
740	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear	Verification of Overload Releases	IS/IEC 60947-4-1
741	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IEC 60947-1
742	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IEC 60947-2
743	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IEC 60947-3
744	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IEC 60947-4-1
745	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IEC 61439-1
746	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IEC 61439-2
747	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IEC 61439-3
748	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IEC 61439-4
749	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IEC 61439-6
750	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IS 8623-1 (withdrawn)
751	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IS 8623-2 (withdrawn)
752	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IS 8623-3 (withdrawn)
753	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IS/IEC 60947-1



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## SCOPE OF ACCREDITATION

**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-5389

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754	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IS/IEC 60947-2
755	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IS/IEC 60947-3
756	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IS/IEC 60947-4-1
757	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IS/IEC 61439-1
758	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Clearance & Creepage distances	IS/IEC 61439-2
759	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IEC 60947-1
760	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IEC 60947-2
761	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IEC 60947-3
762	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IEC 60947-4-1
763	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IEC 61439-1
764	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IEC 61439-2
765	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IEC 61439-3
766	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IEC 61439-4
767	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IEC 61439-6
768	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IS 2675
769	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IS 5039
770	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IS 8623- 1 (withdrawn)
771	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IS 8623-2 (withdrawn)
772	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IS 8623-3 (withdrawn)



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773	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IS/IEC 60947-1
774	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IS/IEC 60947-2
775	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IS/IEC 60947-3
776	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IS/IEC 60947-4-1
777	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IS/IEC 61439-1
778	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength - Power Frequency withstand test	IS/IEC 61439-2
779	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IEC 60947-1
780	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IEC 60947-2
781	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IEC 60947-3
782	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IEC 60947-4-1
783	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IEC 61439-1
784	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IEC 61439-1
785	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IEC 61439-2
786	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IEC 61439-3
787	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IEC 61439-4
788	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IEC 61439-6
789	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IS 8623-1 (withdrawn)
790	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IS 8623-2 (withdrawn)
791	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IS 8623-3 (withdrawn)



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792	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IS/IEC 60947-1
793	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IS/IEC 60947-2
794	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IS/IEC 60947-3
795	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IS/IEC 60947-4-1
796	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IS/IEC 61439-1
797	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Dielectric Strength -Impulse withstand voltage	IS/IEC 61439-2
798	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Effectiveness of protective circuit	IEC 61439-1
799	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Effectiveness of protective circuit	IEC 61439-1
800	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Effectiveness of protective circuit	IEC 61439-2
801	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Effectiveness of protective circuit	IEC 61439-3
802	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Effectiveness of protective circuit	IEC 61439-4
803	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Effectiveness of protective circuit	IEC 61439-6
804	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Effectiveness of protective circuit	IS 8623-1 (withdrawn)
805	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Effectiveness of protective circuit	IS 8623-2 (withdrawn)
806	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Effectiveness of protective circuit	IS 8623-3 (withdrawn)
807	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Effectiveness of protective circuit	IS/IEC 61439-1
808	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Effectiveness of protective circuit	IS/IEC 61439-2
809	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Ingress Protection (2X & 4X)	IEC 61439-1
810	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Ingress Protection (2X & 4X)	IEC 61439-2



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811	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Ingress Protection (2X & 4X)	IEC 61439-3
812	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Ingress Protection (2X & 4X)	IEC 61439-4
813	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Ingress Protection (2X & 4X)	IEC 61439-6
814	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Ingress Protection (2X & 4X)	IS/IEC 61439-1
815	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Ingress Protection (2X & 4X)	IS/IEC 61439-2
816	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Lifting	IEC 61439-1
817	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Lifting	IEC 61439-2
818	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Lifting	IEC 61439-3
819	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Lifting	IEC 61439-4
820	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Lifting	IEC 61439-6
821	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Lifting	IS/IEC 61439-1
822	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Lifting	IS/IEC 61439-2
823	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IEC 60947-1
824	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IEC 60947-2
825	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IEC 60947-3
826	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IEC 60947-4-1
827	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IEC 61439-1
828	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IEC 61439-1
829	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IEC 61439-2



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830	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IEC 61439-3
831	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IEC 61439-4
832	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IEC 61439-6
833	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IS/IEC 60947-1
834	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IS/IEC 60947-2
835	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IS/IEC 60947-3
836	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IS/IEC 60947-4-1
837	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IS/IEC 61439-1
838	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Marking	IS/IEC 61439-2
839	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Mechanical operation test	IEC 61439-1
840	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Mechanical operation test	IEC 61439-2
841	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Mechanical operation test	IEC 61439-3
842	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Mechanical operation test	IEC 61439-4
843	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Mechanical operation test	IEC 61439-6
844	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Mechanical operation test	IS 8623-1 (withdrawn)
845	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Mechanical operation test	IS 8623-2 (withdrawn)
846	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Mechanical operation test	IS 8623-3 (withdrawn)
847	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Mechanical operation test	IS/IEC 61439-1
848	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Mechanical operation test	IS/IEC 61439-2



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849	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IEC 60947-1
850	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IEC 60947-2
851	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IEC 60947-3
852	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IEC 60947-4-1
853	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IEC 61439-1
854	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IEC 61439-2
855	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IEC 61439-3
856	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IEC 61439-4
857	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IEC 61439-6
858	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IS 2675
859	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IS 5039
860	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IS 8623-1 (withdrawn)
861	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IS 8623-2 (withdrawn)
862	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IS 8623-3 (withdrawn)
863	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IS/IEC 60947-1
864	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IS/IEC 60947-2
865	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IS/IEC 60947-3
866	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IS/IEC 60947-4-1
867	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IS/IEC 61439-1



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868	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Temperature-rise limits	IS/IEC 61439-2
869	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the effectiveness of the protective circuit	IEC 61439-1
870	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the effectiveness of the protective circuit	IEC 61439-2
871	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the effectiveness of the protective circuit	IEC 61439-3
872	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the effectiveness of the protective circuit	IEC 61439-6
873	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the effectiveness of the protective circuit	IS 8623-2 (withdrawn)
874	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the effectiveness of the protective circuit	IS 8623-3 (withdrawn)
875	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the effectiveness of the protective circuit	IS/IEC 61439-1
876	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the effectiveness of the protective circuit	IS/IEC 61439-2
877	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the Short-circuit Withstand Strength	IEC 61439-1
878	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the Short-circuit Withstand Strength	IEC 61439-2
879	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the Short-circuit Withstand Strength	IEC 61439-3
880	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the Short-circuit Withstand Strength	IEC 61439-6
881	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the Short-circuit Withstand Strength	IS 8623-2 (withdrawn)
882	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the Short-circuit Withstand Strength	IS 8623-3 (withdrawn)
883	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the Short-circuit Withstand Strength	IS/IEC 61439-1
884	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Verification of the Short-circuit Withstand Strength	IS/IEC 61439-2
885	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Power Connector	Verification of temperature rise	IS 5561
886	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Rewirable type electrical fuse	Insulation Resistance Measurement	IEC 61439-1



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
887	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Rewirable type electrical fuse	Insulation Resistance Measurement	IEC 61439-2
888	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Rewirable type electrical fuse	Insulation Resistance Measurement	IEC 61439-3
889	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Rewirable type electrical fuse	Insulation Resistance Measurement	IEC 61439-4
890	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Rewirable type electrical fuse	Insulation Resistance Measurement	IEC 61439-6
891	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Rewirable type electrical fuse	Insulation Resistance Measurement	IS 2086
892	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Rewirable type electrical fuse	Insulation Resistance Measurement	IS/IEC 61439-1
893	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Rewirable type electrical fuse	Insulation Resistance Measurement	IS/IEC 61439-2
894	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Rewirable type electrical fuse	Test for breaking Capacity	IS 2086
895	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Switchgear Equipments Enclosed Distribution Fuse Boards and Cutouts	Verification of Short-circuit Strength	IS 2675
896	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Switchgear Equipments Enclosed low-voltage switchgear and Controlgear assemblies	Permissible conditional short-circuit current under arcing conditions (I <sub>pc</sub> arc) and Permissible short-circuit current under arcing conditions (I <sub>p</sub> arc)	IEC/TR 61641
897	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Switchgear Equipments Controlgear (Alternating current disconnectors and Earthing switches)	Bus-transfer current switching test	IEC 62271-102
898	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Switchgear Equipments Controlgear (Alternating current disconnectors and Earthing switches)	Bus-transfer current switching test	IS/IEC 62271-102
899	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Switchgear Equipments Earthing cable Clamps	Short-circuit current	IEC 61230
900	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Tap-changers	Short circuit current test	IEC 60214-1
901	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Tap-changers	Short circuit current test	IS 8468-1
902	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Accuracy test (Ratio Error and Phase Angle Error)	IEC 61869-2
903	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Accuracy test (Ratio Error and Phase Angle Error)	IEC 61869-4



# National Accreditation Board for Testing and Calibration Laboratories

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**Laboratory Name :** ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION, ERDA ROAD, GIDC, MAKARPURA, VADODARA, GUJARAT, INDIA

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904	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Accuracy test (Ratio Error and Phase Angle Error)	IS 16227-2
905	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Accuracy test (Ratio Error and Phase Angle Error)	IS 16227-4
906	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Accuracy test (Ratio Error and Phase Angle Error)	IS 2705-2 (withdrawn)
907	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Knee Point Voltage and Excitation current /Rated knee point e.m.f. and maximum exciting current	IEC 61869-2
908	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Knee Point Voltage and Excitation current /Rated knee point e.m.f. and maximum exciting current	IEC 61869-4
909	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Knee Point Voltage and Excitation current /Rated knee point e.m.f. and maximum exciting current	IS 16227-2
910	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Knee Point Voltage and Excitation current /Rated knee point e.m.f. and maximum exciting current	IS 16227-4
911	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Knee Point Voltage and Excitation current /Rated knee point e.m.f. and maximum exciting current	IS 2705-4 (withdrawn)
912	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement of Composite Error	IEC 61869-2
913	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement of Composite Error	IEC 61869-4
914	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement of Composite Error	IS 16227-2
915	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement of Composite Error	IS 16227-4
916	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement of Composite Error	IS 2705-3 (withdrawn)
917	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement of Instrument security factor(FS)	IEC 61869-2
918	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement of Instrument security factor(FS)	IEC 61869-4



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919	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement of Instrument security factor(FS)	IS 16227-2
920	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement of Instrument security factor(FS)	IS 16227-4
921	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement of Instrument security factor(FS)	IS 2705-2 (withdrawn)
922	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement Of Turn Ratio error	IEC 61869-2
923	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement Of Turn Ratio error	IEC 61869-4
924	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement Of Turn Ratio error	IS 16227-2
925	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement Of Turn Ratio error	IS 16227-4
926	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement Of Turn Ratio error	IS 2705-4 (withdrawn)
927	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement of Winding resistance	IEC 61869-2
928	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement of Winding resistance	IS 16227-2
929	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Measurement of Winding resistance	IS 2705-4 (withdrawn)
930	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Over-Voltage inter turn test	IEC 61869-2
931	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Over-Voltage inter turn test	IEC 61869-4
932	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Over-Voltage inter turn test	IS 16227-2
933	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Over-Voltage inter turn test	IS 16227-4
934	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Over-Voltage inter turn test	IS 2705-1 (Withdrawn)
935	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Power frequency dry withstand tests on primary windings and secondary winding.	IEC 61869-1
936	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Power frequency dry withstand tests on primary windings and secondary winding.	IEC 61869-2



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937	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Power frequency dry withstand tests on primary windings and secondary winding.	IEC 61869-4
938	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Power frequency dry withstand tests on primary windings and secondary winding.	IS 16227-2
939	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Power frequency dry withstand tests on primary windings and secondary winding.	IS 16227-4
940	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Power frequency dry withstand tests on primary windings and secondary winding.	IS 2705-1 (withdrawn)
941	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Short-time current /Short circuit withstand capability test	IEC 61869-1
942	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Short-time current /Short circuit withstand capability test	IEC 61869-2
943	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Short-time current /Short circuit withstand capability test	IEC 61869-4
944	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Short-time current /Short circuit withstand capability test	IS 16227-1
945	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Short-time current /Short circuit withstand capability test	IS 16227-2
946	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Short-time current /Short circuit withstand capability test	IS 16227-4
947	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Short-time current /Short circuit withstand capability test	IS 2705-1 (withdrawn)
948	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Terminal Marking and Polarity/ Verification of markings	IEC 61869-1
949	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Terminal Marking and Polarity/ Verification of markings	IEC 61869-2
950	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Terminal Marking and Polarity/ Verification of markings	IEC 61869-4
951	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Terminal Marking and Polarity/ Verification of markings	IS 16227-1
952	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Terminal Marking and Polarity/ Verification of markings	IS 16227-2
953	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Terminal Marking and Polarity/ Verification of markings	IS 16227-4



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954	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Current Transformer	Terminal Marking and Polarity/ Verification of markings	IS 2705-1 (withdrawn)
955	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Voltage Transformer	Short-circuit withstand	IEC 61869-3
956	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Voltage Transformer	Short-circuit withstand	IS 16227-3
957	ELECTRICAL- SHORT CIRCUIT TEST FACILITY	Transmission Line Equipment and accessories and Voltage Transformer	Short-circuit withstand	IS 3156-1 (withdrawn)
958	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Stranded Conductor	Direction of lay	BS: 215 : Part 1
959	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, galvanised steel reinforced for extra high voltage	Visual examination & Freedom from defects	IS: 398 (Part 5)



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LOCATION 2 - PLOT-K-V-2/A, GIDC, SAVLI, MANJUSAR, VADODARA, GUJARAT, INDIA Site Facility				
1	ELECTRICAL- HIGH VOLTAGE TEST FACILITY	Earth pits	Earth resistance measurement	IS 3043