UCA International Users Group
Tester Qualification Approval Form

The following company is authorized to perform IEC 61850 Conformance Testing in accordance with the Users Group Quality Assurance Testing Program Procedures:

Contact details	
Company	Electrical Research And Development Association
Address	ERDA Road, GIDC, Makarpura, Vadodara-390010, India
Contact person	Vatsal Parmar
Phone number	7069034840
Email address	Vbparmar@erda.org

Test services	
Requested level (A,B)	A
Type of testing	Edition 1 Server

Test Capabilities: **IEC 61850 Conformance**	**Submitted to UCA IUG**
1. Basic Exchange	✓
2. Data Sets	✓
2+ Data Set Definition	✓
3. Substitution	✓
4. Setting Group	✓
4+. Setting Group Definition	✓
5. Unbuffered Reports	✓
6. Buffered Reports	✓
7. Logging	✓
9a. GOOSE publish	✓
9b. GOOSE subscribe	✓
12a. Control – Direct, normal security	✓
12b. Control – SBO – normal security	✓
12c. Control – Direct, enhanced security	✓
12d. Control – SBO – enhanced security	✓
13. Time Synchronization	✓
14. File Transfer	✓
15. Tracking	✓
21. ICD	✓
22. SCD Import	✓
23. IID Export	✓
24. Tool Functionality	✓
31. ICD & IID import and usage	✓
32. Communication Engineering	✓

QA systems in place	Available/Certified
ISO 17025	Yes
Any other	

Herbert Falk – VP of Testing
UCA Users Group

Effective: 2022-10-27

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Address	ERDA Road, GIDC, Makarpura, Vadodara-390010, India
Contact person	Vatsal Parmar
Phone number	7069034840
Email address	Vbparmar@erda.org

Test services	
Requested level (A,B)	A
Type of testing	Edition 2 Server

Test Capabilities: **IEC 61850 Conformance**	**Submitted to UCA IUG**
1. Basic Exchange	✓
2. Data Sets	✓
2+ Data Set Definition	✓
3. Substitution	✓
4. Setting Group	✓
4+. Setting Group Definition	✓
5. Unbuffered Reports	✓
6. Buffered Reports	✓
7. Logging	✓
9a. GOOSE publish	✓
9b. GOOSE subscribe	✓
12a. Control – Direct, normal security	✓
12b. Control – SBO – normal security	✓
12c. Control – Direct, enhanced security	✓
12d. Control – SBO – enhanced security	✓
13. Time Synchronization	✓
14. File Transfer	✓
15. Tracking	✓
21. ICD	✓
22. SCD Import	✓
23. IID Export	✓
24. Tool Functionality	✓
31. ICD & IID import and usage	✓
32. Communication Engineering	✓

QA systems in place	Available/Certified
ISO 17025	Yes
Any other	

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