



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

TE CONNECTIVITY
Fuquay-Varina High Voltage Laboratory
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ELECTRICAL

Valid To: November 30, 2025

Certificate Number: 4325.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on cable accessories, insulators, and arrestors:

<u>Test Technology:</u>	<u>Test Method(s) ¹:</u>
AC Dry Withstand	IEEE Std. 4; IEEE Std. 48; IEEE Std. 386; IEEE Std. 404; IEC 60840; IEC 62067; ANSI C29.1; IEC 60060-1; IEC 60099-4; IEEE Std. C62.11
AC Wet Withstand	IEEE Std. 4; IEEE Std. 48; ANSI C29.1; IEC 60099-4; IEC 60060-1; IEEE Std. C62.11
DC Withstand	IEEE Std. 4
Impulse Withstand	IEEE Std. 4; IEEE Std. 48; IEEE Std. 386; IEEE Std. 404; IEC 60230; IEC 60840; IEC 62067; ANSI C29.1; IEC 60060-1; IEC 60099-4; IEEE Std. C62.11
Partial Discharge	IEEE Std. 48; IEEE Std. 386; IEEE Std. 404; IEC 60270; IEC 60840; IEC 60885; IEC 62067; IEC 60099-4; IEEE Std. C62.11
Current Cycling	IEEE Std. 4; IEEE Std. 48; IEEE Std. 386; IEEE Std. 404; IEC 60840; IEC 62067
Radio Influence Voltage (RIV) Test	IEEE Std. 48; ANSI C29.1; IEC 60437; IEC60099-4; IEEE Std.C62.11
Standard Methods for Mechanical Testing (Cantilever Failing Load, Tensile Load, Compression Load, Torsion Load)	ANSI C29.1; IEC 62217; IEC 60383-1; IEC60099-4; IEEE Std.C62.11

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Test Technology:**Test Method(s) ¹:**

Porosity Test	IEC 60383-1; IEC 60168; ANSI C29.1
Galvanizing Test	IEC 60383-1; IEC 60168; ANSI C29.1; ANCI C29.11; ASTM B499
Thermal Shock	ANSI C29.1; ANSI C29.9; IEC 60383-1
Tracking and Erosion Test on Composite Insulators	ANSI C29.13 (Method 2); ANSI C29.18
Current Cycling test on Electrical Connectors	ANSI C119.4; ANSI C119.0
Reference Voltage Test on Arresters	IEC60099-4; IEEE Std.C62.11
Residual Voltage Test on Arresters	IEC60099-4; IEEE Std.C62.11
Heat Dissipation Test on Arresters	IEC60099-4
Operating duty Test on Arresters	IEC60099-4
Long Term Stability/ Accelerated Ageing Test on Arresters	IEC60099-4
Temporary Overvoltage Test on Arresters	IEC60099-4
Charge Transfer Test on Arresters	IEC60099-4
Dielectric Withstand Test on Arresters	IEC60099-4

¹ When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - *General Requirements- Accreditation of ISO-IEC 17025 Laboratories.*



Accredited Laboratory

A2LA has accredited

TE CONNECTIVITY

Fuquay-Varina, NC

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 13th day of October 2023.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4325.01
Valid to November 30, 2025

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.