



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

FIT VOLTAIRA AMERICAS CORP.
1721 White Horse Road
Greenville, SC 29605
William Evans Phone: 864 220 1010

MECHANICAL

Valid To: January 31, 2026

Certificate Number: 3949.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on cable-to-terminal electrical crimps:

Test

Test Method(s)

I. Mechanical Testing

Conductor Crimp Measurements
Height and Width

SAE/USCAR-21 Rev. 4 (Appendix E)

Insulation Crimp Measurements
Height and Width

SAE/USCAR-21 Rev. 4 (Appendix E)

Visual Inspection

SAE/USCAR-21 Rev. 4 (Section 4.2)

Cross-Sectional Analysis

SAE/USCAR-21 Rev. 4 (Section 4.3)

Conductor Crimp Pull Out Force

SAE/USCAR-21 Rev. 4 (Section 4.4)

Accelerated Environmental Exposure

SAE/USCAR-21 Rev. 4 (Section 4.5.2)

Thermal Shock Conditioning Procedure

SAE/USCAR-21 Rev. 4 (Section 4.5.5)

II. Electrical Testing

Dry Circuit Resistance

SAE/USCAR-21 Rev. 4 (Section 4.5.3)



Accredited Laboratory

A2LA has accredited

FIT VOLTAIRA AMERICAS CORP.

Greenville, SC

for technical competence in the field of

Mechanical 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 11th day of April 2024.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3949.01
Valid to January 31, 2026

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