



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY AUBURN HILLS

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Auburn Hills, MI 48326

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ELECTRICAL

Valid To: May 31, 2026

Certificate Number: 1123.10

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following electronics testing on the following products or types of products: Automotive, Aerospace, Military and Electrical/Electronic/Mechanical components and assemblies.²

Test Type ¹	Test Parameters
Voltage	
AC – Measure	10 µV to 1 kV, 1 Hz to 2 MHz
AC – Generate	1 mV to 10 V, 1 Hz to 1.3 MHz
DC – Measure	1 µV to 1000 V
DC – Generate	10 µV to 3,000 V
Current	
AC - Current Measure	10 µA to 400 A
DC - Current Measure	10 µA to 990A
DC – Generate	10 µA to 600 A
Resistance	
Measure	100 µohms to 1.1 x 10 ⁹ ohms
Generate	10 mohms to 1.1 x 10 ⁹ ohms
Dielectric Testing	
AC	(1000 to 5,000) V
DC	(1000 to 6,000) V
Frequency	
Measure	1 Hz to 200 MHz
Generate	119 Hz to 15 MHz
Capacitance	
Measure	1000 pF to µ10 F

<u>Test Technology¹:</u>	<u>Test Methods:</u>
Over Voltage	EPS-24126248; EPS-24138553; EPS-24152698
DC Resistance	EPS-24126248; EPS-24138553; EPS-24152698; MILSTD-202G Method 303
Resistance to Temperature Characteristic	EPS-24126248; EPS-24138553; EPS-24152698; MILSTD-202G Method 304
Dielectric Withstanding Voltage	EPS-24126248; EPS-24138553; EPS-24152698; MILSTD-202G Method 301

¹Including customer specifications directly related to the types of tests and parameters listed.

² This scope meets A2LA's P112 Flexible Scope Policy.



Accredited Laboratory

A2LA has accredited

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Auburn Hill, MI

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 25th day of July 2024.

A blue ink signature of the name 'Trace McInturff'.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1123.10
Valid to May 31, 2026

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