



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY AUBURN HILLS

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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.<sup>2</sup>

Test Type <sup>1</sup>	Test Parameters
<b>Voltage</b>	
AC – Measure	10 $\mu$ V to 1 kV, 1 Hz to 2 MHz
AC – Generate	1 mV to 10 V, 1 Hz to 1.3 MHz
DC – Measure	1 $\mu$ V to 1000 V
DC – Generate	10 $\mu$ V to 3,000 V
<b>Current</b>	
AC - Current Measure	10 $\mu$ A to 400 A
DC - Current Measure	10 $\mu$ A to 990A
DC – Generate	10 $\mu$ A to 600 A
<b>Resistance</b>	
Measure	100 $\mu$ ohms to $1.1 \times 10^9$ ohms
Generate	10 mohms to $1.1 \times 10^9$ ohms
<b>Dielectric Testing</b>	
AC	(1000 to 5,000) V
DC	(1000 to 6,000) V
<b>Frequency</b>	
Measure	1 Hz to 200 MHz
Generate	119 Hz to 15 MHz
<b>Capacitance</b>	
Measure	1000 pF to $\mu$ 10 F

<b><u>Test Technology<sup>1</sup>:</u></b>	<b><u>Test Methods:</u></b>
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

<sup>1</sup>Including customer specifications directly related to the types of tests and parameters listed.

<sup>2</sup> This scope meets A2LA's P112 Flexible Scope Policy.





## Accredited Laboratory

A2LA has accredited

### ELEMENT MATERIALS TECHNOLOGY AUBURN HILLS

*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 25<sup>th</sup> day of July 2024.

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 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.*