

### 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 <u>electronics testing</u> on the following products or types of products: <u>Automotive, Aerospace, Military and Electronic/Mechanical components and assemblies.</u><sup>2</sup>

Test Type <sup>1</sup>	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 <sup>9</sup> ohms
Generate	10 mohms to $1.1 \times 10^9$ 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

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Test Technology <sup>1</sup> :	Test Methods:
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>&</sup>lt;sup>1</sup>Including customer specifications directly related to the types of tests and parameters listed.

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<sup>&</sup>lt;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 25th day of July 2024.

Mr. Trace McInturff, Vice President, Accreditation Services For the Accreditation Council Certificate Number 1123.10

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