



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY AUBURN HILLS
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ELECTRICAL

Valid To: September 30, 2024

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.

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

| | |
|--|---|
| Over Voltage | Including but not limited to the following: EPS-24126248 EPS-24138553 EPS-24152698 |
| DC Resistance | Including but not limited to the following: EPS-24126248 EPS-24138553 EPS-24152698 MILSTD-202G Method 303 |
| Resistance to Temperature Characteristic | Including but not limited to the following: EPS-24126248 EPS-24138553 EPS-24152698 MILSTD-202G Method 304 |
| Dielectric Withstanding Voltage | Including but not limited to the following: EPS-24126248 EPS-24138553 EPS-24152698 MILSTD-202G Method 301 |

¹Also using customer specified methods directly related to the types of tests and parameters listed.





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 6th day of September 2022.

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 September 30, 2024
Revised September 22, 2023

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