



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY TEMPE

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ELECTRICAL

Valid To: March 31, 2028

Certificate Number: 0214.11

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following automotive, telecommunications, and aerospace testing:

| <b><u>Tests:</u></b>                                 | <b><u>Test Specifications/ Methods</u> <sup>1</sup>:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrostatic Discharge <sup>2</sup><br>(Up to 25kV) | MIL-STD-461 F, G (CS118);<br>RTCA/DO-160 D, E, F, G (Section 25)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Immunity to Electromagnetic Disturbances             | MIL-STD-462/461 A, B, C (CS01);<br>MIL-STD-462/461 A, B, C (CS02);<br>MIL-STD-462/461 C (CS10);<br>MIL-STD-462/461 C (CS11);<br>MIL-STD-462/461 A, B, C (RS01);<br>MIL-STD-462/461 A, B, C (RS03);<br>MIL-STD-462/461D (CS101);<br>MIL-STD-462/461D (CS114);<br>MIL-STD-462/461D (CS115);<br>MIL-STD-462/461D (CS116);<br>MIL-STD-462/461D (RS101);<br>MIL-STD-462/461D (RS103);<br>MIL-STD-461 E, F, G (CS101);<br>MIL-STD-461 E, F, G (CS114);<br>MIL-STD-461 E, F, G (CS115);<br>MIL-STD-461 E, F, G (CS116);<br>MIL-STD-461 E, F, G (RS101);<br>MIL-STD-461 E, F, G (RS103) |
| Magnetic Effects                                     | RTCA/DO-160 B, C, D, E, F, G (Section 15)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Aerospace                                            | RTCA/DO-160 B, C, D, E, F, G (Section 16);<br>RTCA/DO-160 B, C, D, E, F, G (Section 17);<br>RTCA/DO-160 B, C, D, E, F, G (Section 18);<br>RTCA/DO-160 B, C, D, E, F, G (Section 19);<br>RTCA/DO-160 B, C, D, E, F, G (Section 20);<br>RTCA/DO-160 B, C, D, E, F, G (Section 21);<br>RTCA/DO-160 B, C, D, E, F, G (Section 22)                                                                                                                                                                                                                                                   |
| RF Emissions                                         | MIL-STD-462/461 A, B, C (CE01);<br>MIL-STD-462/461 A, B, C (CE02)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

| <b><u>Tests:</u></b>                    | <b><u>Test Specifications/ Methods</u></b> <sup>1</sup> :                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RF Emissions (continued)                | MIL-STD-462/461 A, B, C (RE01);<br>MIL-STD-462/461 A, B, C (RE03);<br>MIL-STD-462/461D (CE101);<br>MIL-STD-462/461D (CE114);<br>MIL-STD-462/461D (CE115);<br>MIL-STD-462/461D (CE116);<br>MIL-STD-462/461D (RE101);<br>MIL-STD-462/461D (RE103);<br>MIL-STD-461 E, F, G (CE101);<br>MIL-STD-461 E, F, G (CE102);<br>MIL-STD-461 E, F, G (CE106);<br>MIL-STD-461 E, F, G (RE101);<br>MIL-STD-461 E, F, G (RE102);<br>MIL-STD-461 E, F, G (RE103) |
| Aircraft Electric Power Characteristics | MIL-STD-704 A, B, C, D, E, F;<br>MIL-HDBK-704-1 through -8                                                                                                                                                                                                                                                                                                                                                                                      |

<sup>1</sup> When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard test method, per Annex A, Part C of A2LA's *R101 - General Requirements: Accreditation of Conformity Assessment Bodies*.

<sup>2</sup> Also using customer specific test methods utilizing any combination of test equipment parameters listed above.



## Accredited Laboratory

A2LA has accredited

### ELEMENT MATERIALS TECHNOLOGY TEMPE

Tempe, AZ

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 27<sup>th</sup> day of May 2026.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 0214.11  
Valid to March 31, 2028

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