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:

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

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

[1] 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.*

[2] Also using customer specific test methods utilizing any combination of test equipment parameters listed above.

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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 27th day of May 2026.

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.

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