



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY TEMPE

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Tempe, AZ 85282

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ELECTRICAL

Valid To: May 31, 2026

Certificate Number: 214.11

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:**

Electrostatic Discharge <sup>1</sup>  
(Up to 25kV)

MIL-STD-461 F, G (CS118);  
RTCA/DO-160 D, E, F, G (Section 25);  
SAE J1113-13

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)

**Tests:**

RF Emissions

**Test Specifications/ Methods:**

MIL-STD-462/461 A, B, C (CE01);  
MIL-STD-462/461 A, B, C (CE02);  
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

<sup>1</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 16<sup>th</sup> day of May 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 214.11  
Valid to May 31, 2026  
Revised April 20, 2026

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