



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY TEMPE

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automotive, t

Tests:

Electrostatic Discharge ¹
(Up to 25kV)

Immunity to Electromagnetic
Disturbances

Magnetic Effects

Aerospace

Test Specifications/ Methods:

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

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)

RTCA/DO-160 B, C, D, E, F, G (Section 15)

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

¹ Also using customer specific test methods utilizing any combination of test equipment parameters listed above.



Accredited Laboratory

Tempe, AZ

General requirements for the competence of testing and calibration laboratories

refer to joint ISO-ILAC-IAF Communiqué dated April 2017



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