

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY TEMPE 1155 West 23rd Street, Suite 11-A Tempe, AZ 85282 Stephan Samples Phone: 480 966 5517 Email: Stephan.samples@element.com

automotive, t

Tests:	Test Specifications/ Methods:
Electrostatic Discharge ¹	MIL-STD-461 F, G (CS118);
(Up to 25kV)	RTCA/DO-160 D, E, F, G (Section 25);
	SAE J1113-13
Immunity to Electromagnetic	MIL-STD-462/461 A, B, C (CS01);
Disturbances	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)
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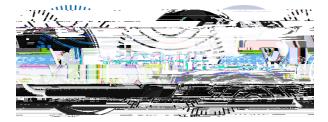
Tests:	Test Specifications/ Methods:
RF Emissions	MIL-STD-462/461 A, B, C (CE01); MIL-STD-462/461 A, B, C (CE02); MIL-STD-462/461 A, B, C (RE01); MIL-STD-462/461 A, B, C (RE03); MIL-STD-462/461D (CE101); MIL-STD-462/461D (CE114); MIL-STD-462/461D (CE115); MIL-STD-462/461D (CE116); MIL-STD-462/461D (RE101); 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.



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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.