



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY MINNEAPOLIS LLC  
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ELECTRICAL

Valid to: August 31, 2025

Certificate Number: 1719.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory for the following tests on the following products and materials: aircraft components, automotive components, gaskets, seals and packings, packaging and containers, hoses, valves and fittings, rubber

<u>Test Technology/Description:</u>	<u>Test Method(s)/Standard(s):</u>
Conducted Susceptibility, Radio Frequency( <i>cont.</i> )	BOEING D6-160504, Section 7.3; BOEING D6-160505, Section 7.3; BOEING D6-160506, Section 7.3
Conducted Susceptibility, Transient	MIL -STD-461, Method CS106; MIL -STD-461, Method CS115; MIL -STD-461, Method CS116; MIL -STD-461, Method CS117; RTCA/DO-160, Sections 17 and 22 AIRBUS ABD0100.1.2, Sections 3.2.2 and 3.4; BOEING D6-160504, Sections 7.4 and 7.5; BOEING D6-160505, Sections 7.4 and 7.5; BOEING D6-160506, Sections 7.4 and 7.5; GR-1089CORE
Radiated Susceptibility, Audio Frequency, Including DC	MIL -STD-461, Method RS101 (30 Hz to 100 kHz); RTCA/DO-160, Section 19; AIRBUS ABD0100.1.2, Section 3.4; BOEING D6-160504, Section 7.2; BOEING D6-160505, Section 7.2; BOEING D6-160506, Section 7.2; MIL -STD-1399
Radiated Emissions, Magnetic Field	MIL -STD-461, Method RE101 (30 Hz to 100 kHz); RTCA/DO-160, Section 15; AIRBUS ABD0100.1.2, Section 3.4.1
Radiated Emissions, Electric Field	MIL -STD-461, Method RE102 (10 kHz to 40 GHz); MIL -STD-461, Method RE103 (10 kHz to 40 GHz); RTCA/DO-160, Section 21 AIRBUS ABD0100.1.2, Section 3.4.5 BOEING D6-160504, Section 8.4 BOEING D6-160505, Section 8.2 BOEING D6-160506, Section 8.4
Radiated Susceptibility, Radio Frequency	MIL -STD-461, Method RS101 (10 kHz to 40 GHz) 200 V/m); RTCA/DO-160, Section 20 AIRBUS ABD0100.1.2, Section 3.3 BOEING D6-160504, Section 7.3 BOEING D6-160505, Section 7.3; BOEING D6-160506, Section 7.3 ISO 114522:2019

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Telecommunications Tests:

CATV Resistance Tests

ANSI/SCTE 44;  
ANSI/SCTE 63;  
ANSI/SCTE 70;  
ANSI/SCTE 103;  
ANSI/SCTE 108;  
ANSI/SCTE 152

Industries served Telecommunications, Aircraft, Aerospace, Defense, and Electronics

NOTES:

This laboratory is accredited to perform the current revision level, and old revision level standard methods as indicated below:

MIL-STD-461 (E through G), MIL-STD-704 (A through F), MIL-STD-1275 (A through E), MIL-STD-1399 Section 300 (A through B)

RTCA/DO-160 (A through G) S. Td [(M)-26 0 Td [95 d (d) 15 M/007 Gc 0 f 6 7 6 7 8 9 6 6, 8) u g m D D 9 (G) / S. T d f f (





# Accredited Laboratory

A2LA has accredited

## ELEMENT MATERIALS TECHNOLOGY MINNEAPOLIS LLC Minneapolis , MN

for technical competence in the field of Electrical Testing for the competence of testing and c  
technical competence for a defined scope and the ope  
(refer to joint ISO -ILAC AF Con



Presented this 28<sup>th</sup> day of July 2023.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 1719.02  
Valid to August 31, 20 25

For the tests to which this accreditation applies, please refer to the laboratory's Electrical

Scope of Accreditation.