SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY LAX
5320 West 104th Street
Los Angeles, CA 90045
Mr. Dale Walker Phone: 310-348-0900 ext. 141

MECHANICAL

Valid To: June 30, 2028 Certificate Number: 0214.56

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory at the location listed above, ***as well as the satellite location listed below***, to perform the following tests:

Test Technology:	**Test Capabilities [1]:**	**Test Method(s) [2]:**
Vibration 5-2000 HZ		SOP LAX-VIBE-001; RTCA-DO-160 (Section 8)
Shock (Crash Safety and Operational Safety) 5- 2500 HZ Acceleration 100G's	Shaker Shock	RTCA-DO-160 (Section 7 Procedure 1)
High Temperature	+600 °F	RTCA-DO-160 (Sections 4.5.4)
Low Temperature	-323 °F	RTCA-DO-160 (Sections 4.5.1)
Thermal Cycling	+600 °F to -323 °F	RTCA-DO-160 (Section 5)
Pressure Burst	20,000 psi	SOP LAX-005
Thermal Vacuum	+662 °F to -292 °F 10^{-6} torr	SOP LAX-003

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ELEMENT MATERIALS TECHNOLOGY LAX
121 Maryland Street
El Segundo, CA 90245
Mr. Dale Walker Phone: 310-348-0900 ext. 141

Test Technology:	**Test Capabilities [1]:**	**Test Method(s):**
Thermal Vacuum	+292 °F to -300 °F 10^{-6} torr	SOP LAX-003
High Temperature	+392 °F	RTCA-DO-160 (Sections 4.5.4); MIL-STD-810 Method 501
Low Temperature	-300 °F	RTCA-DO-160 (Sections 4.5.1); MIL-STD-810 Method 502
Thermal Cycling	+392 °F to -300 °F	RTCA-DO-160 (Section 5); MIL-STD-810 Method 503

On the following products and materials:
Small/medium satellites, satellite dispensers, spacecraft static structures, deployable structures, structural materials, spacecraft reflectors and antennas, aerospace solar panels, aerospace wiring harnesses and cables, aerospace batteries and power distribution systems, commercial aircraft structural components, commercial aircraft antennas, spacecraft cameras, satellite optical systems and components, satellite propulsion systems, spacecraft propellant and oxidizer tanks, spacecraft pressurization systems and tanks, spacecraft electronic components and systems, spacecraft insulation, marine antennas, commercial and military aircraft equipment.

[1] Including customer-supplied and industry specifications directly related to the test technologies and parameters listed above.

[2] 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.*

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Accredited Laboratory

A2LA has accredited

ELEMENT MATERIALS TECHNOLOGY LAX

Los Angeles, CA

for technical competence in the field of

Mechanical 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 21st day of July 2026.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0214.56
Valid to June 30, 2028

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

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