SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY SAN BERNARDINO
3505 East 3rd Street
San Bernardino, CA 92408
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MECHANICAL

Valid To: June 30, 2027 Certificate Number: 0214.45

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on automotive, telecommunications, and aerospace components:

Test Technology [1,2]:

Environmental Exposure

High Temperature

- 11 lbs/second GN2 – to 550 °F, up to 500 psi;
- 3.2 lbs/seconds GOx – to 700 °F, up to 5000 psi;
- 9 lbs/second CO2 – to 1300 °F, up to 4600 psi;
- 0.5 lbs/second CH4 – to 315 °F, up to 4400 psi

Low Temperature

- To -452 °F, using He, H2, N2

Thermal Shock Testing

- (-423 to 560) °F – GN2

Pressure (Burst) Testing

- 2500 psi (up to 1400 °F) – GN2

Fluid Flow

Gas and Fluid Flow

- (GN2), to 1600 SCFM

Pressure Drop

- (up to 6000 psi)

Leakage

- (GHe to 20 SLPM)

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Test Technology [3]:	**Test Method(s)** [4]:
Environmental Exposure	
Noise and Vibration Testing 10 Hz to 20 kHz	MIL-STD-1474 (Appendix E); MIL-STD-740-1 (SH); MIL-STD-740-2 (SH)

[1] Also using customer specified methods directly related to the technologies above and within the parameters above.

[2] This scope meets A2LA's *P112 Flexible Scope Policy.*

[3] Also using customer supplied specifications directly related to the technologies above and within the parameters above.

[4] 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 SAN BERNARDINO

San Bernardino, 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 12th day of November 2025.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0214.45
Valid to June 30, 2027

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

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