



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY SAN BERNARDINO  
3505 East 3<sup>rd</sup> Street  
San Bernardino, CA 92408  
Mr. Richard Johnson      Email: Richard.Johnson@element.com

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**<sup>1,2:</sup>

**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)

**Test Technology**<sup>3</sup>:

**Environmental Exposure**

Noise and Vibration Testing  
10 Hz to 20 kHz

**Test Method(s)**<sup>4</sup>:

MIL-STD-1474 (Appendix E);  
MIL-STD-740-1 (SH);  
MIL-STD-740-2 (SH)

<sup>1</sup> Also using customer specified methods directly related to the technologies above and within the parameters above.

<sup>2</sup> This scope meets A2LA's *P112 Flexible Scope Policy*.

<sup>3</sup> Also using customer supplied specifications directly related to the technologies above and within the parameters above.

<sup>4</sup> 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*.



## 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 12<sup>th</sup> day of November 2025.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

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.*