SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY SAN BERNARDINO
3505 East 3rd Street
San Bernardino, CA 92408
Mr. Raouf Naguib Email: Raouf.Naguib@element.com

MECHANICAL

Valid To: June 30, 2025 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]:	**Test Method(s)** [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	NTS Test Procedure Number TP053205-1 for Nitrogen; NTS Test Procedure Number T29440-03 for Oxygen
Low Temperature To -452 °F Using He, H2, N2	NTS Test Procedure Number PR047590-01
Thermal Shock Testing (-425 to 560) °F – GN2	NTS Test Procedure Number TP053205-1
Pressure (Burst) Testing 2500 psi (up to 1400 °F) – GN2	NTS Test Procedure Number T079723-4
Noise and Vibration Testing 10 Hz to 20 kHz	MIL-STD-1474 (Appendix E); MIL-STD-740-1 (SH); MIL-STD-740-2 (SH)

5202 Presidents Court, Suite 220 | Frederick, MD 21703-8515 | Phone: 301 644 3248 | Fax: 2[illegible] | www.A2LA.org

Test Technology [1]**:**	**Test Method(s)** [2]**:**
Fluid Flow	
Gas and Fluid Flow (GN2) To 1600 SCFM	NTS Test Procedure Number TP PR029362-03
Pressure Drop (GHe)	NTS Test Procedure Number 6208-1 REV B
Leakage (GHe to 20 SLPM)	T201-10704-1 REV A

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

[2] When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use