SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT CLEVELAND
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CHEMICAL

Valid To: September 30, 2028 Certificate Number: 0100.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on metals:

Test	Test Method(s)
Combustion Analysis (C, S)	ASTM E1019, E1941, SOP 10.04[1]
Inert Gas Fusion (N, O)	ASTM E1019, E1409, SOP 10.08[1]
Inert Gas Fusion (H)	ASTM E1447, SOP 10.09[1]
Optical Emission / Inductively Coupled Plasma (ICP-OES) (Ag, Al, As, B, Be, Co, Cr, Cu, Fe, Mg, Mn, Mo, Nb, Ni, P, Pb, Sb, Si, Sn, Ti, V, W, Y, Zn, Zr)	ASTM D1976, E1277, E1479, E2371, E2594, E3061, SOP 10.30[1]
Optical Emission / Spark (OES) (Al, B, Be, Bi, C, Ca, Co, Cr, Cu, Fe, Mg, M, Mo, N, Nb, Ni, P, Pb, S, Si, Sn, Ta, Ti, V, W, Zn, Zr)	ASTM A751, E415, E607, E1086, E1251, E1999, E2209, E2994, E3047, SOP 10.05[1]
Mass Spectroscopy / ICP Ni Base Alloys (Ag, Al, As, B, Be, Bi, Ca, Cd, Co, Cr, Cu, F, Hg, Ga, Mg, Mn, Mo, Pb, Sb, Se, Sn, Te, Ti, Tl, Zn)	ASTM D1179, D3223, E2823, SOP 10.31[1]

[1]In-house test procedure.

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Accredited Laboratory

A2LA has accredited

ELEMENT CLEVELAND

Cleveland, OH

for technical competence in the field of

Chemical 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 29th day of September 2026.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0100.02
Valid to September 30, 2028

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

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