



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELGILOY SPECIALTY METALS
1 Hawk Road
Hampshire, IL 60140
Doug Tannenbaum Phone: (847) 453-1345

MECHANICAL

Valid To: December 31, 2026

Certificate Number: 5038.01

In recognition of the successful completion of the A2LA Accreditation Program accreditation is granted to this laboratory to perform the following tests on stainless steel, nickel and cobalt alloys, and titanium alloy products:

Test:

Corrosion Tests:

Intergranular Corrosion Susceptibility

Metallographic Evaluations:

Alloy Depletion

Alpha Case

Grain Size (Comparison & Heyn Intercept)

IGO

Inclusion Content

Microetching

Macroetching

Preparation of Metallographic Specimens

Hardness Tests:

Rockwell (A, B, C)

Rockwell Superficial (15N, 30N, 45N, 15T, 30T, 45T)

Microhardness:

Vickers (100g – 1000g)

Mechanical Tests:

Bend

Heat Treating

Room Temperature Tensile Testing

Surface Roughness

Test Methods:

ASTM A262 Practices A and E,
ASTM G28; ISO 3651-2, Method A

CMC/ESM-C-QC-LAB-WI-0344
GEAE P3TF19, P2TF32;
CMC/ESM-C-QC-LAB-WI-0344,
ASTM E112, ASTM E930, ASTM E1181;
CMC/ESM-C-QC-LAB-WI-0344;
ISO 643
CMC/ESM-C-QC-LAB-WI-0344
ASTM E45; ISO 4967
ASTM E407
ASTM E340; BS 4HR100 Section 64
ASTM E3

ASTM E18
ASTM E18

ASTM E92, ASTM E384

ASTM A370, ASTM E290
AMS 2750
ASTM E8/E8M, ASTM A370; ISO 6892
ANSI B46.1



Accredited Laboratory

A2LA has accredited

ELGILOY SPECIALTY METALS

Hampshire, IL

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 2024.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5038.01
Valid to December 31, 2026

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