SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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

MECHANICAL

Valid To: December 31, 2028 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:	**Test Methods:**
Corrosion Tests:	
Intergranular Corrosion Susceptibility	ASTM A262 Practices A and E, ASTM G28; ISO 3651-2, Methods A, B, and C
Metallographic Evaluations:	
Alloy Depletion	CMC/ESM-C-QC-LAB-WI-0344
Alpha Case	GEAE P3TF19, P2TF32; CMC/ESM-C-QC-LAB-WI-0344,
Grain Size (Comparison & Heyn Intercept)	ASTM E112, ASTM E930, ASTM E1181; CMC/ESM-C-QC-LAB-WI-0344; ISO 643
IGO	CMC/ESM-C-QC-LAB-WI-0344
Inclusion Content	ASTM E45; ISO 4967
Microetching	ASTM E407
Macroetching	ASTM E340; BS 4HR100 Section 64
Preparation of Metallographic Specimens	ASTM E3
Hardness Tests:	
Rockwell (A, B, C)	ASTM E18
Rockwell Superficial (15N, 30N, 45N, 15T, 30T, 45T)	ASTM E18
Microhardness:	
Vickers (100g – 1000g)	ASTM E92, ASTM E384
Mechanical Tests:	
Bend	ASTM A370, ASTM E290
Heat Treating	AMS 2750[1]
Room Temperature Tensile Testing (Yield Strenth, Tensile Strength, % Elongation, % R.A., Young's Modulus)	ASTM E8/E8M, ASTM A370, ASTM E111; ISO 6892-1
Surface Roughness	ANSI B46.1

[1]Please note that this is not a test method but rather a heat treatment specification covering the pyrometric requirements for sample and specimen preparation.

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*).

American Association for Laboratory Accreditation
CORPORATE SEAL 1978
DISTRICT OF COLUMBIA
A2LA

Presented this 12th day of October 2026.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5038.01
Valid to December 31, 2028

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