



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELGILOY SPECIALTY METALS
One Hawk Road
Hampshire, IL 60140
Dave Hoyne Phone: (847) 214 1368

MECHANICAL

Valid To: December 31, 2020

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

Metallographic Evaluations:

Alpha Case

GEAE P3TF19, P2TF32; ASTM E3,
ASTM E407

Grain Size

ASTM E112, ASTM E930, ASTM E1181

IGO

ASTM E3

Inclusion Content

ASTM E45

Microetching

ASTM E407

Preparation

ASTM E3

Hardness Tests:

Rockwell (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

Room Temperature Tensile Testing

ASTM E8/E8M, ASTM A370



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 laboratory also meets the requirements of R223 – Specific Requirements – GE Aviation S-400 Accreditation program. 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 17th day of December 2018.

A blue ink signature of the Senior Director of Accreditation Services.

Senior Director, Accreditation Services
For the Accreditation Council
Certificate Number 5038.01
Valid to December 31, 2020

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