



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

HOWMET AEROSPACE
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Dover, NJ 07801
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CHEMICAL

Valid To: July 31, 2024

Certificate Number: 3315.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on nickel, cobalt, and high alloy steel.

Test:

Test Method:

Elemental Analysis by Combustion / Fusion (C, N, O, S)

ASTM E1019

Glow Discharge Mass Spectrometry

(Ag, Al, As, Au, B, Ba, Bi, Br, C, Ca, Cd, Ce, Cl, Co, Cr, Cs,
Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, Ir, K, La, Li,
Lu, Mg, Mn, Mo, Na, Nb, Nd, Ni, Os, P, Pb, Pd, Pr, Pt, Re, Rh,
Ru, S, Sb, Sc, Se, Si, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tl, Tm, U,
V, W, Y, Yb, Zn, Zr)

AI 180.03.14;
ISO/TS 15338

X-Ray Fluorescence Analysis

(Al, Co, Cr, Cu, Fe, Hf, Mn, Mo, Nb, Ni, Re, Ru, Si, Ta, Ti, V,
W, Y, Zr)

ASTM E572;
ASTM E2465

Spark Atomic Emission Spectrometry

(Al, B, Mg, Mn, P, Pt, Si, Sn)

ASTM E1086;
ASTM E3047



Accredited Laboratory

A2LA has accredited

HOWMET AEROSPACE

Dover, NJ

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 26th day of May 2022.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3315.01
Valid to July 31, 2024

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