



Accredited Laboratory

A2LA has accredited

SPECIAL METALS CORPORATION

New Hartford, NY

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 S400 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 7th day of January 2022.

A blue ink signature of a person, likely the Vice President of Accreditation Services, written over a horizontal line.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3246.02
Valid to January 31, 2024

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SPECIAL METALS CORPORATION
4317 Middle Settlement Road
New Hartford, NY 13413
Timothy Messett Phone: 315 798 2066

MECHANICAL

Valid To: January 31, 2024

Certificate Number: 3246.02

In recognition of the successful completion of the A2LA evaluation process (including compliance to R223 – Specific Requirements – GE Aviation S-400 Accreditation Program), accreditation is granted to this laboratory to perform the following tests on cobalt, nickel, iron base alloys (including analysis of raw material components):

Test:

Test Method(s)*:

Rockwell Hardness (A and C)

ASTM E18; PC 447

Stress Rupture/Stress Rupture Notch

ASTM E139, E292; PC 434, 436, 437

Creep

ASTM E139, E292; PC 438, 439

Room Tensile ($\leq 30,000$ lbs)

ASTM E8/E8M, A370; PC 450

Elevated Tensile ($\leq 30,000$ lbs; RT to 1,600 °F)

ASTM E21; PC 451

Metallographic Evaluation

Microcleanliness/Inclusion Content

ASTM E45 (Methods A and D);
PC 409, 562

Delta Phase

PC 550

Grain Size

ASTM E112 (Comparison Method Only);
PC 551

Secondary Phase Evaluation

PC 555

Delta Solvus

PC 567

*All PC methods are in-house methods.

(A2LA Cert. No. 3246.02) 01/07/2022

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