



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CARPENTER ADDITIVE ATHENS
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Tanner, AL 35671
Jessica Stamps Phone: 256-301-8227

CHEMICAL

Valid To: March 31, 2025

Certificate Number: 4164.01

In recognition of the successful completion of the A2LA evaluation process accreditation is granted to this laboratory to perform the following tests on powder metals and metal alloys (Iron, Cobalt, Nickel, and Titanium):

Test:

Test Method(s):

Spectroscopy

Atomic Emission Spectroscopy – Inductively Coupled Plasma (ICP) (Al, As, B, Ca, Cd, Ce, Co Cr, Cu, Fe, Gd, Hf, La, Mg, Mn, Mo, Nb, Ni, P, Pt, Re, Se, Si, Sn, Ta, Ti, V, W, Y, Zn, Zr in Co, Fe, Ni, and alloys)

ASTM E1479, E2594;
47.536 (ICP OES)

Combustion/Fusion Analysis (LECO)

C, N, O, S in Steel, Iron, Nickel, and Cobalt Alloys

ASTM E1019

H in Ti alloys

ASTM E1447

H in Steel

47.534

Physical

Particle Size Distribution of Metal Powders by Light Scattering

ASTM B822

Dry Particle Size Distribution

ASTM B214

Determination of Flow Rate using Hall Flow Meter

ASTM B213

Apparent Density

ASTM B212

Determination of Apparent Density using Carney Flow Meter

ASTM B417

Determination of Flow Rate using Carney Flow Meter

ASTM B964

Tap Density

ASTM B527



Accredited Laboratory

A2LA has accredited

CARPENTER ADDITIVE ATHENS

Tanner, AL

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 8th day of March 2023.

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 4164.01
Valid to March 31, 2025

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