



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CARPENTER ADDITIVE ATHENS
22110 Thomas L Hammons Road
Tanner, AL 35671
Jessica Stamps Phone: 256-301-8227

CHEMICAL

Valid To: March 31, 2027

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)

X-Ray Analysis, Ni-Based Alloys (Al, Co, Cr, Cu, Fe, Mn, Mo, Nb, Ni, P, Si, Ti, V, W, Zr)

ASTM E2465

Combustion/Fusion Analysis (LECO)

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

ASTM E1019
ASTM E1447
47.534

Physical

Particle Size Distribution of Metal Powders by Light Scattering
Dry Particle Size Distribution
Determination of Flow Rate using Hall Flow Meter
Apparent Density
Determination of Apparent Density using Carney Flow Meter
Determination of Flow Rate using Carney Flow Meter
Tap Density

ASTM B822
ASTM B214
ASTM B213
ASTM B212
ASTM B417
ASTM B964
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 20th day of February 2025.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4164.01
Valid to March 31, 2027

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