



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ANALYTICAL PROCESS LABORATORIES, INC.

8222 West Calumet Road

Milwaukee, WI 53223

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CHEMICAL

Valid To: September 30, 2027

Certificate Number: 0431.03

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on metals and fasteners:

**Test:**

Chemical Analysis of Steel Products<sup>2</sup>

Chemical Analysis by EDS

(Semi-quantitative with SEM)

Detectable Elements Down to Boron

Chemical Analysis by OES

Carbon and Low Alloy Steel:

(Al, B, C, Co, Cr, Cu, Mn, Mo, Nb, Ni, P, Pb, S, Si, Sn, Ti, V, W)

Stainless Steel:

(Al, C, Co, Cr, Cu, Mn, Mo, Nb, Ni, P, S, Si, Sn, Ti, V, W)

Aluminum Alloys:

(Cr, Cu, Fe, Mg, Mn, Ni, Pb, Si, Sn, Ti, Zn)

Cast Iron:

(Al, B, C, Cr, Cu, Mg, Mn, Mo, Ni, P, Pb, S, Si, Sn, Ti, V)

Copper Alloys:

(Al, Co, Fe, Mn, Nb, Ni, P, Pb, S, Si, Sn, Zn)

Nickel Alloys

(Al, B, C, Cr, Cu, Co, Fe, Mg, Mn, Mo, Nb, Ni, P, Si, S, Ti, Ta, Sn, W, V, Zr)

Zinc Alloys

(Al, Cd, Cr, Cu, Fe, Mg, Mn, Ni, Pb, Sn, Zn)

**Test Method(s)<sup>1</sup>:**

ASTM A751

ASTM E1508

ASTM E415, E1086, E1251,  
E1999, E3047;  
EN 15079;  
ISO 3815-1

**Test:**

**Test Method(s)<sup>1</sup>:**

Chemical Analysis by XRF

ASTM E1621

Slags:

(Al<sub>2</sub>O<sub>3</sub>, CaO, Cr<sub>2</sub>O<sub>3</sub>, CuO, FeO, K<sub>2</sub>O, MgO, MnO,  
Na<sub>2</sub>O, Nb<sub>2</sub>O<sub>5</sub>, P<sub>2</sub>O<sub>5</sub>, S, SiO<sub>2</sub>, SrO, TiO<sub>2</sub>, V<sub>2</sub>O<sub>5</sub>, ZrO<sub>2</sub>)

Trace Elements:

(Ag, As, Bi, Ca, Ce, La, Sb, Se, Ta, Te, Zn, Zr)

Melt Preparation for OES

ASTM E1306

Metals Identification, Grade Verification & Sorting<sup>2</sup>

ASTM E1476

Combustion:

C, S, N and O

ASTM E1019

H in Titanium

ASTM E1447

Corrosion:

Salt Spray

ASTM B117

Intergranular Corrosion

ASTM G28 (Method A);  
G48 (Methods A and C);  
A262 (Methods B, E and F)

<sup>1</sup>When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - *General Requirements- Accreditation of ISO-IEC 17025 Laboratories*.

<sup>2</sup> This is a Guide/Practice and not a Test Method.



## Accredited Laboratory

A2LA has accredited

**ANALYTICAL PROCESS LABORATORIES, INC.**

*Milwaukee, WI*

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 1<sup>st</sup> day of October 2025.

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 0431.03  
Valid to September 30, 2027

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