



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ATI FLAT ROLLED PRODUCTS
1300 Pacific Avenue
Natrona Heights, PA 15065-1147
Shawn Cooper Phone: 724-226-6498
Shawn.Cooper@atimaterials.com

MECHANICAL

Valid To: January 31, 2027

Certificate Number: 3109.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on armor, stainless steel, nickel-base, cobalt-base and titanium sheet, strip and plate products:

<u>Test:</u>	<u>Test Method(s)¹:</u>
Bending	ASTM E290; ISO 7438
Hardness	
Brinell Hardness (3000 kg)	ASTM E10
Rockwell Hardness (B, C, 15N, 15T, 30N, 30T)	ASTM E18
Metallographic Evaluation	
Grain Size	ASTM E112 (Comparison Method only)
Inclusions	ASTM E45 Method A; ISO 4967
Intergranular Attack	IGA/M22
Macro-etch	ASTM E340
Microhardness	ASTM E92, E384
Knoop: 200 g, 500 g	
Vickers: 200 g to 10 kg	
Corrosion Testing	
Pitting and Crevice Corrosion	ASTM A923 Practices A and C, A1084, G48 Method A and B
Salt Spray	ASTM B117
Susceptibility to Stress Corrosion Cracking	ASTM G30

Test:

Test Method(s)¹:

Corrosion Testing (*continued*)

Susceptibility to Intergranular Corrosion

ASTM G28 Method A and B

Susceptibility to Intergranular Attack

ASTM A262 Practices A, B, C, and E;
ISO 3651-1, ISO 3651-2 Method A;
SEP 1877

Stress Rupture

ASTM E139

Tensile Test

ASTM E8/E8M; EN-ISO 6892-1

Lab Heat Treatment

AMS 2750²

Surface Roughness

ASME B46.1 Section 3; ISO 4287

Cup Test

EN-ISO 20482

Alpha Case

Int. Procedure: "Alpha Case";
EN 2003-9

Elevated Temperature Tensile

ASTM E21

¹ 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 test method, per Annex A, Part C of A2LA R101 - *General Requirements: Accreditation of Conformity Assessment Bodies*.

² Please note that this is not a test method but rather a heat treatment specification covering the pyrometric requirements for sample and specimen preparation.



Accredited Laboratory

A2LA has accredited

ATI FLAT ROLLED PRODUCTS

Natrona Heights, PA

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 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 4th day of December 2024.

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 3109.01
Valid to January 31, 2027

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

ATI FLAT ROLLED PRODUCTS
1300 Pacific Avenue
Natrona Heights, PA 15065-1147
Shawn Cooper Phone: 724-226-6498
Shawn.Cooper@atimaterials.com

CHEMICAL

Valid To: January 31, 2027

Certificate Number: 3109.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to the laboratory above, as well as the *two satellite laboratories* below to perform the following tests on armor, stainless steel, nickel-base, cobalt-base and titanium sheet, strip and plate products:

Test:

Test Method(s)¹:

Spectroscopy

Inductively Coupled Plasma (ICP)
(Al, B, Cr, Cu, Fe, Mn, Mo, Ni, Si, Sn, V, Y, Zr)

ASTM E1479

Graphite Furnace Atomic Absorption (GFAA)
(Ag, Bi, Cd, Pb, Se, Sn, Te, Tl)

ASTM E1184

Optical Emission Spectroscopy (OES)
(Al, B, Sn, Ta, Ti)

ASTM E1086,
E3047

X-Ray Fluorescence (XRF)

Stainless Steels:
(Al, Co, Cr, Cu, Mn, Mo, Nb, Ni, P, Si, Sn, Ta, Ti, V, W, Zr)

ASTM E572

Nickel Alloys:
(Al, Co, Cr, Cu, Fe, Mn, Mo, Nb, Ni, P, Si, Sn, Ta, Ti, V, W, Zr)

ASTM E2465

Cobalt Alloys:
(Al, Co, Cr, Cu, Fe, Mn, Mo, Nb, Ni, P, Si, Sn, Ta, Ti, V, W, Zr)

ASTM E2465

Elemental Analysis

Combustion Elemental Analysis Carbon and Sulfur by Infrared Nitrogen,
Oxygen, and Hydrogen by Inert Fusion- LECO
(C, H, N, O, S)

ASTM E1019,
E1447

Route 981 North
Latrobe, PA 15650

<u>Test:</u>	<u>Test Method(s)¹:</u>
Spectroscopy Optical Emission Spectroscopy (OES) (Al, B, Sn)	ASTM E1086, E3047
X-Ray Fluorescence (XRF) Stainless Steels: (Al, Co, Cr, Cu, Mn, Mo, Nb, Ni, P, Si, Ti, V, W)	ASTM E572
Nickel Alloys: (Al, Co, Cr, Cu, Fe, Mn, Mo, Nb, Ni, P, Si, Ti, V, W)	ASTM E2465
Elemental Analysis Combustion Elemental Analysis Carbon and Sulfur by Infrared Nitrogen by Inert Fusion- LECO (C, N, O, S)	ASTM E1019

100 River Road
Brackenridge, PA 15014

<u>Test:</u>	<u>Test Method(s)¹:</u>
Spectroscopy Optical Emission Spectroscopy (OES) (Al, B, Sn)	ASTM E1086, E3047
X-Ray Fluorescence (XRF) Stainless Steels: (Al, Co, Cr, Cu, Mn, Mo, Nb, Ni, P, Si, Sn, Ti, V, W)	ASTM E572
Nickel Alloys: (Al, Co, Cr, Cu, Fe, Mn, Mo, Nb, Ni, P, Si, Sn, Ti, V, W)	ASTM E2465
Elemental Analysis Combustion Elemental Analysis Carbon and Sulfur by Infrared Nitrogen and Oxygen by Inert Fusion- LECO (C, N, O, S)	ASTM E1019

¹ 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 test method, per Annex A, Part C of A2LA R101 - *General Requirements: Accreditation of Conformity Assessment Bodies*.





Accredited Laboratory

A2LA has accredited

ATI FLAT ROLLED PRODUCTS

Natrona Heights, PA

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 4th day of December 2024.

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 3109.02
Valid to January 31, 2027

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ATI FLAT ROLLED PRODUCTS HOLDINGS, LLC
695 Ohio Street
Lockport, NY 14094
Shawn Cooper Phone: 724-226-6498
Shawn.cooper@atimetals.com

CHEMICAL

Valid To: January 31, 2027

Certificate Number: 3109.04

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to the laboratory to perform the following tests on nickel-base, cobalt-base and steel alloy products:

<u>Test:</u>	<u>Test Method(s)¹:</u>
Spectroscopy Optical Emission Spectroscopy (OES) (Al, B, Sn)	ASTM E415, E1086
X-Ray Fluorescence (XRF) Steel Alloys: (Al, Co, Cr, Cu, Mn, Mo, Nb, Ni, P, Si, Ti, V, W)	ASTM E322, E572, E1085
Nickel Alloys: (Al, Co, Cr, Cu, Fe, Mn, Mo, Nb, Ni, P, Si, Ti, V, W)	ASTM E2465
Elemental Analysis Combustion Elemental Analysis Carbon and Sulfur by Infrared Nitrogen by Inert Fusion- LECO (C, N, O, S)	ASTM E1019

¹ 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 Annex A, Part C of A2LA R101 - *General Requirements: Accreditation of Conformity Assessment Bodies*.



Accredited Laboratory

A2LA has accredited

ATI FLAT ROLLED PRODUCTS HOLDINGS, LLC

Lockport, New York

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 2nd day of January 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 3109.04
Valid to January 31, 2027

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