



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

ATI Specialty Materials Monroe Operations

2020 Ashcraft Ave.

Monroe, NC 28110

(and satellite locations listed on the scope)

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.

The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 22 April 2027

Certificate Number: AT-1776



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
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).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ATI Specialty Materials Monroe Operations

2020 Ashcraft Ave.
Monroe, NC 28110

Margaret Willis 704-289-4511 Ext. 3054
Margaret.willis@ATImaterials.com

TESTING

Certificate Number: **AT-1776**

Certificate Expiry Date: **22 April 2027**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Nitrogen Combustion Analysis (0.0002 to 0.02)%	ASTM E1019, ASTM E1409	Ni, Co, Ti, Steel Alloys	LECO TC600, ONH836, ONH836
Oxygen Combustion Analysis (0.0005 to 0.50)%	ASTM E1019, ASTM E1409		LECO TC600, ONH836, ONH836
Carbon Combustion Analysis (0.001 to 0.50)%	ASTM E1019, ASTM E1941		LECO CS600, CS844, C600
Sulfur Combustion Analysis (0.0003 to 0.0200)%	ASTM E1019		LECO CS600, CS844
Hydrogen Inert Gas Fusion Analysis (0.0001 to 0.025)%	ASTM E1447		LECO RH600, ONH836
X-Ray Fluorescence (XRF) Various Elements (0.001 to 99)%	ASTM E322, ASTM E539, ASTM E572, ASTM E2465, ASTM E1085		MagixFast, Axios Fast
Spark-OES Various Elements (1 to 200) mg/kg	ASTM E415, ASTM E1086, ASTM E3047		ARL4460
ICP-OES Various Elements (1 to 500) mg/kg	ASTM E2371, ASTM E2594		Perkin Elmer 2000DV Spectro Arcos MV11
ICP-MS Various Elements (1 to 100) mg/kg	ASTM E2823		Perkin Elmer NexIon2000

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Atomic Absorption (AA) Graphite Furnace Various Elements (1 to 300) mg/kg	ASTM E1834		Perkin Elmer AA800, AA900

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Sample Prep	ASTM E3, ASTM E407	Metals	
Grain Size, Inclusions, Nickel, and Titanium Microstructure	ASTM E112, ASTM E45, AMS 2380		Nikon 150 25X -1000X
Macrostructure	ASTM E340, ASTM E381, ASTM A604, AMS 2380, AMS 2643, AMS 2642		
Differential Thermal Analysis	MET 088		TA Instruments
Thermal Expansion	ASTM E228		Netzsch
Hardness (HRBW, HRC, HRA, HBW)	ASTM E18, ASTM E10		Wilson Rockwell/ Tinius Olsen Brinell
Stress Rupture	ASTM E139, ASTM E292		Satec
Tensile, Yield, Elongation, Reduction of Area – Room and Elevated Temperature	ASTM E8, ASTM E21, EN2002-1, ISO 6892		Tinius Olsen

Satellite Site

ATI Specialty Materials Bakers Powder Operations

3875 Aeropointe Parkway
Monroe, NC 28110
Margaret Willis 704-289-4511 Ext.
3054
margaret.willis@ATImaterials.com

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Nitrogen Combustion Analysis (0.0002 - 0.0783)%	ASTM E1019	Ni Alloys	LECO ON836
Oxygen Combustion Analysis (0.0005-0.0237%)	ASTM E1019		LECO ON836
Carbon Combustion Analysis (0.001-0.383%)	ASTM E1019		LECO CS844
Sulfur Combustion Analysis (0.0003-0.0092%)	ASTM E1019		LECO CS844
X-Ray Fluorescence (XRF) Various Elements	ASTM E2465	Ni, Co, Ti, Steel Alloys	PANalytical Zetium
Spark OES Various Elements	ASTM E3047	Ni Alloys	ARL 4460
Sieve Analysis	ASTM B214	Ni, Ti Alloys	ASTM E11 Calibrated Test Sieve

Satellite Site

ATI Specialty Materials Bakers South Operations

3750 Alloy Way
Monroe, NC 28110
Margaret Willis 704-289-4511
Ext. 3054
margaret.willis@ATImaterials.com

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Sample Prep	ASTM E3, ASTM E407	Metals	Nikon 150 25X -1000X
Grain Size, Inclusions, and Nickel Microstructure	ASTM E112, ASTM E45,		Nikon 150 25X -1000X
Macrostructure	ASTM E340, ASTM E381, ASTM A604		

Satellite Site

ATI Specialty Materials Richland Operations

3101 Kingsgate Way
Richland, WA 99354

Margaret Willis 704-289-4511 Ext 3054
Margaret.willis@atimaterials.com

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Nitrogen Combustion Analysis (0.001 to 0.014) %	ASTM E1409	Ti Alloys	LECO ON736
Carbon Combustion Analysis (0.002 to 0.051) %	ASTM E1941		LECO C844
Oxygen Combustion Analysis (0.003 to 0.385) %	ASTM E1409		LECO ON736
Various Elements - XRF (Al, Fe, Co, Cr, Cu, Mn, Mo, Nb, Ni, Pd, Ru, Si, Sn, Ta, V, W, Y, Zr)	ASTM E539		Malvern Panalytical

Satellite Site

ATI Specialty Materials - Oakdale Operations

1001 Robb Hill
Oakdale, PA 15071
Gene Witt 724 304 1996
Gene.Witt@atimaterials.com

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Nitrogen Analysis, Combustion Analysis	ASTM E1019	Ni, Co, Fe Alloys	LECO TC600
Oxygen Analysis, Combustion Analysis	ASTM E1019		LECO TC600
Carbon Analysis, Combustion Analysis	ASTM E1019		LECO CS600
Sulfur Analysis, Combustion Analysis	ASTM E1019		LECO CS600
Various Elements, X-Ray Fluorescence	ASTM E2465 ASTM E572		PANalytical Zetium
Sieve Analysis	ASTM B214		ASTM E11 Calibrated Test Sieve

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Sample Preparation (Metallography)	ASTM E3, ASTM E407	Metals	Olympus PME 3 5X – 1000X
Metallographic Nickel Structure	ASTM E112	Metals	Olympus PME 3 5X – 1000X
Rockwell Hardness (HRC, HRBW)	ASTM E18	Metals	Tinius Olsen Rockwell Hardness Tester



Jason Stine, Vice President