



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

### ATI Specialty Materials Monroe Operations

2020 Ashcraft Ave.  
Monroe, NC 28110

(and the satellite locations as 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](http://www.anab.org).

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 22 April 2023

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

Philip Rucker 704-289-4511 Ext. 1811

[philip.rucker@atimetals.com](mailto:philip.rucker@atimetals.com)

[www.ATIMetals.com](http://www.ATIMetals.com)

### TESTING

Valid to: **April 22, 2023**

Certificate Number: **AT-1776**

#### Chemical

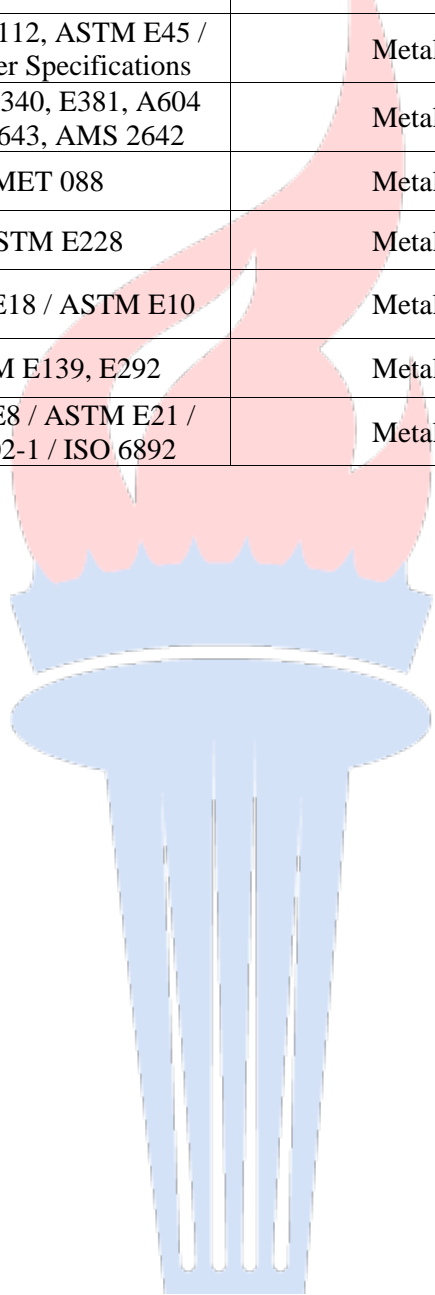
Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Nitrogen Analysis (0.0002 to 0.02)%	Combustion ASTM E1019, ASTM E1409	Ni, Co, Ti, Steel Alloys	LECO TC600, ON836, TC436
Oxygen Analysis (0.0005 to 0.50)%	Combustion ASTM E1019, ASTM E1409	Ni, Co, Ti, Steel Alloys	LECO TC600, ON836, TC436
Carbon Analysis (0.001 to 0.50)%	Combustion ASTM E1019, ASTM E1941	Ni, Co, Ti, Steel Alloys	LECO CS600, CS844, C600
Sulfur Analysis (0.0003 to 0.0200)%	Combustion ASTM E1019,	Ni, Co, Ti, Steel Alloys	LECO CS600, CS844
Hydrogen Analysis (0.0001 to 0.025)%	Inert Gas Fusion ASTM E1447	Ni, Co, Ti, Steel Alloys	LECO RH600, RH404
Various Elements (0.001 to 99)%	XRF ASTM E322, E539, E572, E2465, E1085	Ni, Co, Ti, Steel Alloys	Magix Fast, PW2600, Axios Fast
Various Elements (1 to 200) mg/kg	Spark-OES ASTM E415, E1086, E3047	Ni, Co, Ti, Steel Alloys	ARL4460, Baird One Spark
Various Elements (1 to 500) mg/kg	ICP-OES ASTM E2371, E2594	Ni, Co, Ti, Steel Alloys	Perkin Elmer 2000DV (2 units)
Various Elements (1 to 100) mg/kg	ICP-MS ASTM E2823	Ni, Co, Ti, Steel Alloys	Perkin Elmer DRCII
Various Elements (1 to 300) mg/kg	AA, Graphite Furnace ASTM E1834	Ni, Co, Ti, Steel Alloys	Perkin Elmer AA800, AA900



ANSI National Accreditation Board

**Mechanical - Metallurgical**

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/Nickel and Titanium Microstructure	ASTM E112, ASTM E45 / Customer Specifications	Metals	Nikon 150 25X -1000X
Macrostructure	ASTM E340, E381, A604 AMS 2643, AMS 2642	Metals	
Differential Thermal Analysis	MET 088	Metals	TA Instruments
Thermal Expansion	ASTM E228	Metals	Netzsch
Rockwell / Brinell	ASTM E18 / ASTM E10	Metals	Wilson Rockwell/ Tinius Olsen Brinell
Stress Rupture	ASTM E139, E292	Metals	Satec
Tensile – Room and Elevated Temperature	ASTM E8 / ASTM E21 / EN2002-1 / ISO 6892	Metals	Tinius Olsen



**Satellite Site**

**ATI Specialty Materials Bakers Powder Operations**

3875 Aeropointe Parkway Monroe, NC 28110

Philip Rucker 704-289-4511 Ext. 1811

[philip.rucker@atimetals.com](mailto:philip.rucker@atimetals.com)

[www.ATIMetals.com](http://www.ATIMetals.com)

**TESTING**

**Chemical**

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

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[www.ATIMetals.com](http://www.ATIMetals.com)

**TESTING**

**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 / Nickel Microstructure	ASTM E112, ASTM E45, Customer Specifications	Metals	Nikon 150 25X -1000X
Macrostructure	ASTM E340, E381, A604	Metals	

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1776.



R. Douglas Leonard Jr., VP, PILR SBU