

# **CERTIFICATE OF ACCREDITATION**

# **The ANSI National Accreditation Board**

Hereby attests that

### Universal Stainless & Alloy Products, Inc. 600 Mayer Street Bridgeville, PA 15017

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 <u>www.anab.org</u>.



Jason Stine, Vice President Expiry Date: 12 September 2026 Certificate Number: L2298

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

### Universal Stainless & Alloy Products, Inc.

600 Mayer Street Bridgeville, PA 15017 Matt Chornick 412 257 7012

### TESTING

Valid to: September 12, 2026

Certificate Number: L2298

#### Mechanical

Specific Tests and/or Properties Measured	Specifica <mark>tion, St</mark> andard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Macroetch	ASTM <mark>A604, E381</mark>	Metal Products	Marco Etch Lab (tank, acid), Microscope, Metallographic Software, Grinding and Polishing Equipment
Grain Size and Microstructure	ASTM E112 (Comparison and Heyns Intercept), ASTM E930 and ASTM E1181	Metal Products	Marco Etch Lab (tank, acid), Microscope, Metallographic Software, Grinding and Polishing Equipment
% Ferrite	AMS 2315	Metal Products	Marco Etch Lab (tank, acid), Microscope, Metallographic Software, Grinding and Polishing Equipment
Microcleanliness	ASTM E45, Method A & D	Metal Products	Marco Etch Lab (tank, acid), Microscope, Metallographic Software, Grinding and Polishing Equipment
Decarburization	ASTM E1077	Metal Products	Marco Etch Lab (tank, acid), Microscope, Metallographic Software, Grinding and Polishing Equipment
Corrosion	ASTM A262, Practice A	Metal Products	Marco Etch Lab (tank, acid), Microscope, Metallographic Software, Grinding and Polishing Equipment





#### Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Banding	ASTM E1268	Metal Products	Marco Etch Lab (tank, acid), Microscope, Metallographic Software, Grinding and Polishing Equipment
Ultimate Tensile Strength (Up to 120 000)lb	ASTM E8, ASTM A370	Metal Products	Tensile Testing Frames with Integral Extensometers
Yield Strength	ASTM E8, ASTM A370	Metal Products	Tensile Testing Frames with Integral Extensometers
Elongation	ASTM E8, ASTM A370	Metal Products	Tensile Testing Frames with Integral Extensometers
Reduction of Area	ASTM E8, ASTM A370	Metal Products	Tensile Testing Frames with Integral Extensometers
Hardness (Brinell, 3 000 kg)	ASTM E1 <mark>0, AST</mark> M A370	Metal Products	Brinell Indenter, Optical Scanner
Hardness (HRB, HRC)	ASTM E <mark>18, AST</mark> M 370	Metal Products	Rockwell Indenter
Jominy	AST <mark>M A255</mark>	Metal Products	Rockwell Indenter with Jominy Rig
Impact Strength (Charpy)	ASTM E23	Metal Products	Impact Test Apparatus

#### Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Combustion (C,S,N,O)	ASTM E1019	Metal Products	C/S Analyzers and N/O Analyzers
Optical Emission Spectrometry	ASTM E1086	Metal Products	OES Spectrometer
X Ray Fluorescence	ASTM E1085, E572	Metal Products	XRF Spectrometer

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2298.

Jason Stine, Vice President



