



# CERTIFICATE OF ACCREDITATION

## ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

**Outokumpu Stainless USA, LLC**  
**One Steel Drive**  
**Calvert, AL 36513**

has been assessed by ANAB and meets the requirements of international standard

**ISO/IEC 17025:2017**

while demonstrating technical competence in the field of

**TESTING**

Refer to the accompanying Scope of Accreditation for information regarding the types of activities to which this accreditation applies

AT-2477

Certificate Number

  
ANAB Approval

Certificate Valid Through: 06/15/2021  
Version No. 003 Issued: 05/28/2019



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**

**Outokumpu Stainless USA, LLC**

One Steel Drive  
Calvert, AL 36513

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**TESTING**

Valid to: **June 15, 2021**

Certificate Number: **AT-2477**

**Mechanical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Susceptibility to Intergranular Corrosion	ASTM A262 Practice A and Practice E	Stainless Steels	Light Microscope
Grain Size	ASTM E112 Comparison Procedure		Light Microscope
Ductility/Bend	ASTM E290, ASTM A370		Hydraulic Press
Rockwell Hardness (HRB and HR30T)	ASTM E18, ASTM A370		Rockwell Hardness Tester
Tensile Strength: Reduction of Area	ASTM E8/E8M, ASTM A370		Point Micrometer and Tensile Tester
Tensile Strength: Ultimate Tensile, Yield Strength, Elongation	ASTM E8/E8M, ASTM A370		Tensile Tester
Inclusion Content Determination	ASTM E45 Method A		Light Microscope
Surface Roughness/ Finish (Ra)	ASTM A480/A480M, SOP-PTL-2001		Profilometer

**Chemical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Chemical Composition: Cr, Ni, Mo, Mn, Si, Cu, P, V, Ti	ASTM E572, ASTM A751	Stainless Steels	X-Ray Fluorescence Spectrometers
Chemical Composition: Cu, Si, P	ASTM E1086, ASTM A751		Spark Optical Emission Spectrometer
Chemical Composition: C, S, O, N	ASTM E1019, ASTM A751		Combustion Gas Analyzers

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2477.



Vice President

