



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

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 17025:2005**

while demonstrating technical competence in the field of

**TESTING**

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

AT-2477  
Certificate Number

  
ANAB Approval

Certificate Valid: 06/15/2017-06/15/2019  
Version No. 001 Issued: 6/15/2017



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 January 2009).



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**Outokumpu Stainless USA, LLC**

One Steel Drive  
Calvert, AL 36513

Frank Snow [frank.snow@outokumpu.com](mailto:frank.snow@outokumpu.com) 251-829-3375

**TESTING**

Valid to: **June 15, 2019**

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 ASTM A370	Stainless Steel	Light Microscope & DC Power Supply
Grain Size	ASTM E112 ASTM A370		Light Microscope & DC Power Supply
Ductility/Bend	ASTM E290 ASTM A370		Hydraulic Press
Rockwell Hardness (HRB and HR30T)	ASTM E18 ASTM A370		Rockwell & 30T Hardness Tester
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 Determination	ASTM E45 ASTM A370		Light Microscope
Surface Roughness/Finish (Ra)	ASTM A480/A480M ASTM A370		Profilometer

**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>
Chemical Composition	ASTM E572 ASTM A751	Stainless Steel	XRF Spectrometers
Chemical Composition	ASTM E1086 ASTM A751		Spark Optical Emission Spectrometer
Chemical Composition: Carbon, Sulfur, Oxygen and Nitrogen	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.




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Vice President