



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

### **Outokumpu Mexinox, S.A. de C.V.**

**Avenida Industrias No. 4100  
Col. Zona Industrial 1a. Sección  
San Luis Potosi, Mexico 78395**

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: 15 June 2023

Certificate Number: AT-2477.01



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 Mexinox, S.A. de C.V.

Avenida Industrias No. 4100  
Col. Zona Industrial 1a. Sección  
San Luis Potosi, Mexico 78395

José David González Gaytán [jose.d.gonzalez@outokumpu.com](mailto:jose.d.gonzalez@outokumpu.com) +52 (444) 8265100 X400

### TESTING

Valid to: **June 15, 2023**

Certificate Number: **AT-2477.01**

#### Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Rockwell Hardness (HRB, HRC, HR15T, HR30T, HR15N, HR30N)	ASTM E18	Metallic Materials & Stainless Steels	Rockwell Hardness Tester
Tensile Strain-Hardening Exponents (n-Values) Test	ASTM E646	Metallic Materials & Stainless Steels	Tensile Tester
Plastic Strain Ratio (r-Values) Test	ASTM E517	Metallic Materials & Stainless Steels	Tensile Tester
Ductility / Bend Test	ASTM E290	Metallic Materials & Stainless Steels	Hydraulic Press
Tensile Strength: Ultimate Tensile, Yield Strength, Elongation	ASTM E8 / E8M ASTM A370	Metallic Materials & Stainless Steels	Tensile Tester
Grain Size	ASTM E112 Heyn Method, Lineal Interception Procedure	Metallic Materials & Stainless Steels	Optical Microscope
Susceptibility to Intergranular Corrosion	ASTM A262, Practice A and Practice E	Austenitic Stainless Steels	Optical Microscope
Salt Spray Corrosion Test	ASTM B117	Metallic Materials & Stainless Steels	Salt Spray Chamber

**Chemical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Chemical Composition - OES	ASTM E1086	Stainless Steels	Optical Emission Spectrometer (OES)
Chemical Composition - OES	ASTM E415	Carbon Steel and Low Alloy	Optical Emission Spectrometer (OES)
Chemical Composition – Gas Combustion Analyzer	ASTM E1019	Carbon Steel Alloys and Carbon Steel Alloy	Gas Combustion Analyzer

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2477.01



R. Douglas Leonard Jr., VP, PILR SBU

