



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

PRECISION THERMAL PROCESSING  
219 Warren Hansen Drive  
Clintonville, WI 54929  
John Bushie 715 823 8650

MECHANICAL

Valid To: March 31, 2022

Certificate Number: 2971.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of testing on metals:

<b><u>Test:</u></b>	<b><u>Test Method(s):</u></b>
Hardness:	
Brinell ( <i>up to 3000kg</i> )	ASTM E10, A370
Rockwell A, B, C, 30N, 30T	ASTM E18, A370
Microhardness (Knoop and Vickers) ( <i>up to 500g</i> )	ASTM E384
Tensile	ASTM A370, E8
Charpy Impact	ASTM E23
Metallographic Evaluation:	
Case Depth (Total and Effective)	SAE J423
Depth of Decarburization	ASTM E1077
Grain Size (Comparison Method)	ASTM E112
Inclusion Content (Method A)	ASTM E45
Macroetch	ASTM E340, E381
Microetch	ASTM E407
Microstructure	ASM Metals Hand Book
Preparation	ASTM E3

*CHEMICAL*

Optical Emission Vacuum Spectrometric Analysis of Carbon and Low-Alloy Steel (C, Mn, P, S, Si, Cr, Ni, Cu, Mo, Al, V) ASTM E415



# Accredited Laboratory

A2LA has accredited

## PRECISION THERMAL PROCESSING

*Clintonville, WI*

for technical competence in the field of

### Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. 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).



Presented this 13<sup>th</sup> day of February 2020.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 2971.01  
Valid to March 31, 2022

*For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.*