



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, 2026

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 tests on metals:

Test:

Test Method(s):

Hardness:

Brinell (*up to 3000kg*)

ASTM E10, A370

Rockwell A, B, C, 30N, 30T

ASTM E18, A370

Microhardness (Knoop and Vickers) (*up to 500g*)

ASTM E384

Tensile

ASTM A370, E8/E8M

Charpy Impact

ASTM E23

Metallographic Evaluation:

Case Depth (Total and Effective)

SAE J423 (Stabilized May 2023)

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

ASTM E415

(Al, C, Cr, Cu, Mn, Mo, Ni, P, S, Si, V)



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 13th day of November 2023.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2971.01
Valid to March 31, 2026

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