



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MODERN INDUSTRIES, INC
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Fort Worth, TX 76126
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MECHANICAL

Valid To: January 31, 2026

Certificate Number: 2949.03

In recognition of the successful completion of the A2LA evaluation process accreditation is granted to this laboratory at the location listed above to perform the following tests on steel, stainless steel, cast iron, copper alloys, aluminum, nickel & cobalt alloys, titanium, miscellaneous metals, forgings, castings, machined components, billets, bars, ingot, powdered metals, fasteners, chain, and cable:

Test:

Test Methods:

Physical Testing:

Compression
Brinell Hardness (500 kgf, 3000 kgf)
Rockwell (B, C, 15N, 30N, 30T)
Impact (Charpy) -320°F to Ambient
Tensile Ambient Temperature

ASTM E9
ASTM E10
ASTM E18
ASTM A370, E23; AWS D1.5/D1.5M
ASTM A370, E8/E8M

Metallographic Evaluation:

Preparation
Decarburization
Case Depth
Ferrite Rating
Grain Size (Comparison Method Only)
Inclusion Rating / Cleanliness
Microhardness
 Vickers (100g, 500g, 1000g)
Microstructure
Microstructure in Cast Iron Graphite
Weld Operator and Procedure Qualification
Testing (Tensile and Charpy Only)

ASTM E3
ASTM E1077; SAE J121
SAE J423
AMS 2315; ASTM E562
ASTM E112
ASTM E45 Methods A & D; SAE J422
ASTM E384, E92

ASTM E1268; ASM Metals Handbook, Volume 9
ASTM A247
ASME Sec IX; AWS D1.1/D1.1M, D1.2/D1.2M,
D1.5/D1.5M, D11.2



Accredited Laboratory

A2LA has accredited

MODERN INDUSTRIES, INC.

Fort Worth, TX

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 3rd day of September 2024.



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

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2949.03
Valid to January 31, 2026

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