

World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

JACOBSON MFG, LLC

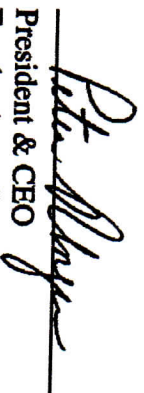
Medina, OH

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 8 January 2009*).

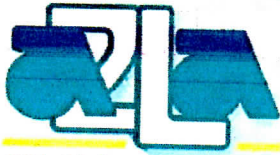
Presented this 7th day of December 2010.


Peter Alper
President & CEO

For the Accreditation Council
Certificate Number 0964.01
Valid to November 30, 2012



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



"World Class Accreditation"

The American Association for Laboratory Accreditation

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

JACOBSON MFG, LLC
941 Lake Road
Medina, OH 44256
Ricardo Aspiras Phone: 330 721 6348

MECHANICAL

Valid To: November 30, 2012

Certificate Number: 0964.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following fastener tests:

<u>Test</u>	<u>Test Methods</u>
Sampling	ASME/ANSI B18.18.2M; ASTM F1470
Hardness (Rockwell B, C, 15N, 30N)	ASTM E18, F606, 606M
Microhardness (Knoop)	ASTM E384
Tension (Axial and Wedge)	ASTM F606; ISO 898-2, 6
Proof (External and Internal)	ASTM F606, 606M; ISO 898-2, 6
Discontinuities (Macroetch and Microscopic)	ASTM F788, F812
Stress Durability (Hydrogen Embrittlement)	SAE J773; WI00001, WI00002; SAE/USCAR-7
Plating Thickness	ASTM B568
Case Depth (Macroetch and Microscopic)	SAE J423
Torque Tension	IFI 101; ISO 2320; SAE J174, 174M
Drive and Strip	SAE J78
Metallographic Evaluation: Preparation	ASTM E3
Decarburization	ASTM E1077; SAE J121
Microetch	ASTM E407
Macroetch	ASTM E340
Grain Flow	SAE/USCAR-8

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