



SCOPE OF ACCREDITATION TO ISO 17025:2005

MORGAN OHARE, INC.  
701 Factory Road  
Addison, IL 60101  
John Schultz Phone: 630 543 6780 ext. 129

MECHANICAL

Valid To: July 31, 2019

Certificate Number: 0131.01

In recognition of the successful completion of the A2LA Accreditation Program, accreditation is granted to this laboratory to perform the following types of tests on steel fasteners and other small parts:

<u>Test</u>	<u>Test Methods</u>
<u>Mechanical</u>	
Adhesion	ASTM B571 (4)
Hardness (Rockwell: HRA, HRC, HR15N)	ASTM E18
Hydrogen Embrittlement	GM6010M (4.7), GM6171M (4.8); USCAR 7
Microindentation Hardness (Knoop and Vickers: 500 gm)	ASTM E384
Torque-Tension	Ford WZ101; GMW3044; JDM F15X1; SAE/USCAR – 10, 11; ISO 16047
Torsional Strength	GM6010M (4.4), GM6171M (4.5); SAE J81 (3.5), J933 (3.3), J1237 (4.5)
<u>Metallurgical</u>	
Case Depth	GM6010M (4.3), GM6171M (4.3); SAE J81 (3.3), J933 (3.3), J1237 (4.3)
Coating Thickness by X-Ray Fluorescence	ASTM B568
Decarburization	ASTM F2328
Salt Spray	ASTM B117



## *Accredited Laboratory*

A2LA has accredited

**MORGAN OHARE, INC.**

*Addison, IL*

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 10<sup>th</sup> day of July 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 0131.01  
Valid to July 31, 2019

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