



SCOPE OF ACCREDITATION TO ISO 17025:2017

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

MECHANICAL

Valid To: July 31, 2021

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 17025:2017 *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 26th day of July 2019.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0131.01
Valid to July 31, 2021

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