



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MORGAN OHARE, INC.  
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Addison, IL 60101  
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MECHANICAL

Valid To: July 31, 2025

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:

**Test**

**Test Methods**

Mechanical

Adhesion	ASTM B571 (4)
Hardness (Rockwell: HRA, HRC, HR15N)	ASTM E18
Hydrogen Embrittlement	GM6010M <sup>1</sup> (4.7) (Inactive 2011), GM6171M <sup>1</sup> (4.8) (Inactive 2011); USCAR 7
Microindentation Hardness (Knoop and Vickers: 500 gm)	ASTM E384
Torque-Tension	Ford WZ101 <sup>1</sup> (Inactive 2021); GMW3044; JDM F15X1; SAE/USCAR – 10, 11; ISO 16047
Torsional Strength	GM6010M <sup>1</sup> (4.4) (Inactive 2011), GM6171M <sup>1</sup> (4.5) (Inactive 2011); SAE J81 (3.5), J933 (3.3), J1237 (4.5)

Metallurgical

Case Depth	GM6010M <sup>1</sup> (4.3) (Inactive 2011), GM6171M <sup>1</sup> (4.3) (Inactive 2011); 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

<sup>1</sup>This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.



# 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 27<sup>th</sup> day of April 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 0131.01  
Valid to July 31, 2025

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