



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AJAX LABORATORY SERVICES¹
Testing Laboratory: 4651 Bellevue Avenue
Detroit, MI 48207
Frank Buono Phone: 313 267 2100
fbuono@ajaxmetal.com

MECHANICAL

Valid To: July 31, 2023

Certificate Number: 0221.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory listed above, as well as the satellite laboratory location listed below to perform the following tests on nuts, bolts, stampings, or other products:

Test

Test Method(s)

Heat Treat Lab

Depth of Carburization
(Microscopic & Microhardness Methods)
Depth of Decarburization
(Microscopic & Microhardness Methods)
Hardness (Rockwell C, 15N, 30N)
Hardness (Vickers 300g)
Proof Load (Externally Threaded Fasteners)
Sample Preparation
Tension Testing of Fasteners (Axial & Wedge)

SAE J423; ASTM F2328; ISO 898-1
ASTM E384, E92, E1077, F2328;
ISO 898-1
ASTM E18, F606/F606M; ISO 898-1
ASTM E384, E92; ISO 898-1
ASTM F606/F606M; SAE J429; ISO 898-1
ASTM E3
ASTM F606/F606M; SAE J429; ISO 898-1

Plating Lab

Thickness by X-ray Fluorescence
Thickness by Eddy Current
Verification of Phosphate Coating Weight (Difference)
Salt Spray (Fog)
Adhesion Testing (4.1 Burnishing)

ASTM B568
ASTM E376
ASTM B767
ASTM B117
ISO 2819

Lock/Seal Lab

Adhesive Torque Testing
Torque Tension

IFI 125/525
Ford WZ-100, 101;
GM 9064P, 4435M, 6035M (Superseded)²
GMW 3044, 3179, 3200, 4700;
SAE J174, SAE J174M (Superseded)²;
USCAR 10, 11;
ISO 16047

¹ This accreditation covers testing performed at the main laboratory listed above, and the following satellite laboratory listed below:

AJAX METAL PROCESSING
Fremont Heat Treat Division
900 S. Casselle Street
Fremont, IN 46737

Test

Test Method(s)

Depth of Carburization (Microscopic & Microhardness Methods)	SAE J423; ASTM F2328; ISO 898-1
Depth of Decarburization (Microscopic & Microhardness Methods)	ASTM E384, E1077, E92, F2328; ISO 898-1
Hardness (Rockwell C, 15N, 30N)	ASTM E18, F606/F606M; ISO 898-1
Hardness (Vickers 300g)	ASTM E384; ISO 898-1
Sample Preparation	ASTM E3
Tension Testing of Fasteners (Axial & Wedge)	ASTM F606/F606M; SAE J429; ISO 898-1

²This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.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

AJAX LABORATORY SERVICES

Detroit, MI

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*. 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 14th day of July 2021.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0221.01
Valid to July 31, 2023

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