



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SOUTH HOLLAND METAL FINISHING LABORATORY  
26100 S. Whiting Way  
Monee, IL 60449  
Todd Burnley Phone: 708 235 4018

MECHANICAL

Valid To: September 30, 2027

Certificate Number: 0975.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following fastener and metal tests on the following materials: zinc, cadmium, or zinc alloy plated deposits, zinc phosphate coatings, dye or paint topcoats, heat treated fasteners or stampings, plating process baths or waste water.

**Test Technology**

**Test Methods**

Adhesion of Plated Deposit	ASTM B571, Methods 4, 9, and 13
Case Depth – Micro	SAE J423
Decarburization	ASTM F2328
Microhardness (Knoop – 500gf)	ASTM E384
pH Measurement	ASTM E70
Phosphate Coating Weight Analysis	MIL-DTL-16232G, Type Z, 4.7.3.2
Plating Thickness	ASTM B568
Rockwell Hardness (A, B, C, 15N, 30N)	ASTM E18
Salt Spray	ASTM B117; ISO 9227
Torque Tension	GMW 3044; ISO 16047; SAE/USCAR 10, 11

**Wet Chemistry**

**Test Technology**

Metals by Atomic Absorption:

Zinc  
Cadmium  
Copper  
Chromium  
Nickel  
Silver  
Lead  
Iron

**Test Methods**

Standard Methods 3111B



# Accredited Laboratory

A2LA has accredited

## SOUTH HOLLAND METAL FINISHING LABORATORY

Monee, 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 16<sup>th</sup> day of July 2025.

A blue handwritten signature, likely belonging to Mr. Trace McInturff, positioned above a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 0975.01  
Valid to September 30, 2027

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