

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200320-0

Modern Plating Corporation
Freeport, IL

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

Fasteners and Metals

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
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 January 2009).

2019-06-10 through 2020-06-30
Effective Dates

A handwritten signature in black ink, appearing to read "Peter S. Lamm".

For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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FASTENERS AND METALS

NVLAP LAB CODE 200320-0

Chemical Analysis

Solution chemical analysis

<u>Code</u>	<u>Designation</u>	<u>Description</u>
FA/969	MPC AA Work Instructions	Modern Plating Corporation Laboratory Work Instructions for Atomic Absorption <i>metal content of plating bath solutions</i>

Mechanical and Physical Testing and Inspection

Adhesion

Adhesion of metallic coatings on fasteners

<u>Code</u>	<u>Designation</u>	<u>Description</u>
FA/143	ASTM B571	Standard Test Methods for Adhesion of Metallic Coatings

Coating

Measurement of fastener coating thickness - magnetic methods

<u>Code</u>	<u>Designation</u>	<u>Description</u>
FA/153	ASTM B499	Standard Test Method for Measurement of Coating Thicknesses by the Magnetic Method: Nonmagnetic Coatings on Magnetic Basis Metals

Measurement of fastener coating thickness - X-ray methods

<u>Code</u>	<u>Designation</u>	<u>Description</u>
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FA/556 ASTM B568 Measurement of Coating Thickness by X-ray Spectrometry

Corrosion

Salt spray testing of fasteners

<u>Code</u>	<u>Designation</u>	<u>Description</u>
FA/166	ASTM B117	Standard Test Method of Salt Spray (Fog) Testing <i>par. 13</i>

Torque Tension

Torque-tension of full-size threaded fasteners

<u>Code</u>	<u>Designation</u>	<u>Description</u>
FB/1319	WZ100 - Ford	Steel Metric Threaded Fasteners Torque/Clamping Force Performance
FB/1320	WZ101 - Ford	Steel Metric Threaded Fasteners Torque/Clamping Force Requirements
FB/1321	GM 9064P	Torque Tension Test