



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

WOLVERINE PLATING CORP.
29456 Groesbeck Highway
Roseville, MI 48066
Kenneth Wrobel Phone: 586 771 5000 ext. 219

MECHANICAL

Valid To: February 28, 2019

Certificate Number: 3724.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on fasteners and metals:

<u>Test</u>	<u>Test Method(s)</u>
Adhesion of Metallic Coatings on Fasteners	GMW 3044, GMW 4700
Burnishing Test	ASTM B571 (Section 4); ISO 2819 (Section 2.1)
Saw-Grind Test	ASTM B571 (Section 8)
Heat-Quench Test	ASTM B571 (Section 9)
Thermal Shock	ISO 2819 (Section 2.12)
Measurement of Fastener Coating Thickness (X-ray Methods)	ASTM B568; GM 4260P (Inactive 2013) ¹
Salt Spray	ASTM B117; ISO 9227; JIS Z2371, JIS H8502; SAE/USCAR-1; DX900158; GMW 3286; HES D6001; NES M0140; TSH 1552G
Sampling	ASME/ANSI B18.18.2M

¹This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.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

WOLVERINE PLATING CORP.

Roseville, MI

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized international Standard ISO/IEC 17025:2005 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 8 January 2009).



Presented this 6th day of February 2017.

A handwritten signature in black ink, appearing to read "L. J. ...", positioned above a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 3724.01
Valid to February 28, 2019