



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

**J&M Plating, Inc.**  
**4500 Kishwaukee Street**  
**Rockford, IL 61109**

has been assessed by ANAB  
and meets the requirements of international standard

**ISO/IEC 17025:2005**

while demonstrating technical competence in the field(s) of

**TESTING**

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1168

Certificate Number

ANAB Approval

Certificate Valid To: 05/24/2017

Version No. 001 Issued: 04/28/2015



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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*).



# ANSI-ASQ National Accreditation Board

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

### J & M Plating, Inc.

4500 Kishwaukee Street, Rockford, IL 61109

Mike Berg Phone: 815-964-4975

mikeb@jmplating.com

www.jmplating.com

### TESTING

Valid to: May 24, 2017

Certificate Number: AT-1168

#### I. Mechanical

| ITEMS, MATERIALS OR PRODUCTS TESTED     | SPECIFIC TESTS OR PROPERTIES MEASURED                  | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED | *DETECTION LIMIT/ RANGE/ EQUIPMENT               |
|---|--|--|--|
| Fasteners, screws, stampings and bolts  | Rockwell Hardness RC and RA<br>Superficial 15N and 30N | ASTM E-18  | Buehler Macromet II<br>ID623M<br>589-2417-001-03 |
| Fasteners, screws, stampings and bolts  | Micro Hardness Knoop (200-500)g                        | ASTM E-384                                       | Buehler<br>582-MMT-300742                        |
| Fasteners, screws, stampings and bolts  | Decarburization<br>Carburization                       | SAE J419<br>SAE J121<br>SAE J423                 | Zeiss Axiovert<br>380800107                      |
| Fasteners, screws, stampings and bolts  | Case Depth   | SAE J423   | Zeiss Axiovert<br>380800107                      |
| Fasteners, screws, stampings and bolts  | Corrosion Cycle Test                                   | WSS-M21P17-B1 & B3                               | Singleton<br>21-189-46 #2                        |
| Fasteners, screws, stampings and bolts  | Corrosion Resistance<br>Salt Spray                     | ASTM B-117<br>ISO-9227                           | Singleton<br>21-189-46 #2                        |
| Fasteners, screws, stampings, and bolts | Adhesion Test  | DX551200, GMW3044<br>ISO 10683 para 7.5          | Lindberg/Blue<br>X08M-603151-XM                  |
| Fasteners, screws, stampings, and bolts | Adhesion Test  | ISO 10683 Para 7.5                               | Scotch 610                                       |



| ITEMS,<br>MATERIALS OR<br>PRODUCTS<br>TESTED | SPECIFIC TESTS<br>OR PROPERTIES<br>MEASURED | SPECIFICATION,<br>STANDARD METHOD OR<br>TECHNIQUE USED   | *DETECTION<br>LIMIT/ RANGE/<br>EQUIPMENT |
|--|---|--|--|
| Fasteners, screws,<br>stampings and bolts    | Burnish Test                                | ASTM B 571   | Steel Rod                                |
| Fasteners, screws,<br>stampings and bolts    | Plating thickness,<br>X-Ray                 | ASTM B 568   | Fischer X-Ray<br>860-683-0781            |
| Fasteners, screws,<br>stampings and bolts    | Coating thickness<br>Magnetic Inductance    | ISO 2178   | Fischer Deltascope<br>FMP 30             |
| Fasteners, screws,<br>stampings and bolts    | Hydrogen<br>Embrittlement Test              | SAE J78 Section 4.4.1<br>SAE J81 Sections 3.3.8,<br>4.9, 4.10, 4.11 and 4.12<br>SAE/USCAR-7 Section 1, 2, 3.1<br>(3.1.1 threaded parts only),<br>3.2, 3.3, 3.4<br>PS-9500<br>Sect. 3.0, 3.1, 3.1.1, 3.3, 3.4<br>GM 6010M<br>Sections 3.8, 4.5.1, 4.7<br>GM 6171M<br>Section 3.9, 4.6.1<br>Section 4.8, 4.8.1 | Proto<br>J6177 NMF<br>Dial Torque Wrench |
| Torque/Clamp force<br>testing                | Torque/Tension<br>Testing                   | ISO 16047<br>GMW3359<br>GMW3044<br>Ford WX100<br>JDM F15X1<br>JDM F13<br>SAE USCAR 11<br>Ford WZ101  | Labmaster 3200                           |

**Notes:**

1. \* = As Applicable
2. This scope is formatted as part of a single document including the Certificate of Accreditation No. AT-1168

*Karl Greenaway*

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Vice-President

