



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

SWD, INC.
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Addison, IL 60101
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CHEMICAL

Valid To: November 30, 2015

Certificate Number: 0951.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on steel and stainless steel fasteners, stampings, and other piece parts:

Test Technology:

Test Methods:

Coating Thickness Electromagnetic

ASTM B499, E376; ISO 10683, Section 8.4

Coating Weight

Chrysler PS-80, LP461J;
GMW 3179, Section 3.3.2;
MIL-DTL-16232 G, Section 4.7.3;
AMS-2481, Section 3.4.3;
GM 4435M, Section 4.2 (*Inactive March 2011*)¹;
GM 6035M, Section 4.2 (*Inactive March 2011*)¹

Copper Sulfate Test for Surface Passivation of
Stainless Steel

SAE AMS 2700, Section 3.2.1.3.1;
ASTM A967, Practice D²;
FED SPEC QQ-P-35-C, Section 4.4.2.2
(*Superseded September 1998*)¹;
MIL-STD-753C, Method 102
(*Cancelled September 1998*)¹;
AMS-QQ-P-35, Section 4.4.2.2
(*Superseded September 1998*)¹

Humidity Tests

ASTM A380, Section 7.2.5.2;
ASTM A967, Practice B²;
ASTM D1735;
GMW 14729;
SAE AMS 2700, Section 3.2.1;
Delphi DX900159;
GM 4465P (*Inactive January 2011*)¹;
AMS-QQ-P-35, Section 4.4.1.2
(*Superseded September 1998*)¹

Test Technology:

Oxalic Acid Test

pH Aqueous Solution

Salt Spray

Smut Test

Tape Adhesion Test

Torque & Torque Tension
(Up to 300 ft lb)

Test Methods:

AMS 2485, Section 3.3.3;
MIL DTL 13924, Section 4.4.2

ASTM E70

ASTM B117;
DIN 50021;
GMW3286, Section 7.2;
JDM F15 Section 2.0;
JDM F22 Section 3.4;
ISO 9227;
SAE AMS 2700, Section 3.2.1.3.2;
SAE /USCAR-1;
GM 4298P (*Superseded December 2010*)¹

MIL-DTL 13924, Section 4.4.1;
AMS 2485, Section 3.3.1;
GM 4347M, Section 3.8 (*Inactive March 2011*)¹

GM 9071P;
GMW 14829

Ford WZ101;
GMW 3359, Section 3.1.4.9;
GMW 3179, Section 3.8;
GMW 14100, Section 3.9;
Chrysler PS-80, Section 5.1.6;
SAE/USCAR-10, Section 11;
GM 4435M, Section 3.8 (*Inactive March 2011*)¹;
GM7111M, 1.3 (*Superseded February 2010*)¹

¹*This laboratory's scope contains inactive, withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.*

²*When Practice is used above, it refers to a test method/ procedure.*





American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

SWD, INC.

Addison, IL

for technical competence in the field of

Chemical 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 7th day of November 2013.





President & CEO

For the Accreditation Council

Certificate Number 0951.01

Valid to November 30, 2015

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