



THE 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 18 June 2005*).



Presented this 16th day of October 2007.

A handwritten signature in cursive script, appearing to read "Peter M. Meyer".

President
For the Accreditation Council
Certificate Number 0951.01
Valid to November 30, 2009

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

SCOPE OF ACCREDITATION TO ISO/IEC 17025-2005

SWD, INC.
910 Stiles
Addison, IL 60101
Rick Delawder Phone: 630 543 3003

CHEMICAL

Valid To: November 30, 2009

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:

<u>Test Technology</u>	<u>Test Methods</u>
Coating Weight	Chrysler PS-80 LP461J; GM 4435M, Practice 4.2, GM 6035M, Practice 4.2; MIL-DTL-16232 G
Coating Thickness Electromagnetic	ASTM B499, E376; ISO 10683
Copper Sulfate Test for Surface Passivation Of Stainless Steel	AMS-QQ-P-35, Practice 4.4.2.2; ASTM A967, Practice D; FED SPEC QQ-P-35-C; MIL-STD-753C - Method 102
Smut Test	GM 4347M 3.8; MIL-DTL 13924 D, Practice 4.4.1; AMS 2485H, Practice 3.3.1
Salt Spray	ASTM B117; DIN 50021; GM 4298P; ISO 9227; SAE /USCAR – 1
pH Aqueous Solution	ASTM E70

Test Technology

Torque & Torque Tension
(Up to 300 ft lb)

Humidity Tests

Test Methods

Ford S-442;
WZ101;
GMW 3359;
GM 4435M 3.8, 7111M 3.6;
Chrysler PS-80 5.1.6;
SAE-USCAR 10, 11

ASTM A380 (7.2.5.2), A967 (Practice B);
GM 4465P;
SAE AMS 2700B (3.2.1), AMS-QQ-P-35 (4.4.2.1)