THE AMERICAN ASSOCIATION FOR LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

ASSURED TESTING SERVICES

Ridgway, PA

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 1st day of June 2009.

President & CEO
For the Accreditation Council
Certificate Number 2012.01
Valid to March 31, 2011

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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ASSURED TESTING SERVICES
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MECHANICAL

Valid To: March 31, 2011 Certificate Number: 2012.01

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

Test	Test Methods
Corrosion:	
Salt Spray	ASTM B117, G85 (Sect. A1, A2, A5) ASTM C1503 Chrysler LP-463PB-10-01 DIN 50 021 Ford BI103-01 GM 4298P GMW3286 Nissan M0140 Toyota TSH1552G Honda HES 6501 (Sect. 3.15.1, 3.15.2) ISO 9227 John Deere JDQ 115 John Deere JDQ 150 JIS H 8502 Sect. 7.1 JIS Z2371 Sect. 7.2.1
Acetic Acid Salt Spray (AASS)	ISO 9227 DIN 50 021 JIS H8502 Sect. 7.2 JIS Z2371 Sect. 7.2.2
Copper Accelerated Acetic Acid - Salt Testing (CASS)	ASTM B368 DIN 50 021 ISO 9227 Ford BQ105-01 GM 4476P GMW14458

Test	Test Methods
(CASS cont.)	JIS H8502 Sect. 7.3 JIS Z2371 Sect. 7.2.3
Cyclic Salt Fog	Ford BI123-01
Cyclic Corrosion Resistance	GM 9540P Nissan M0158, CCT-I, CCT-IV SAE J2334 ASTM G85-02 Annex 3 SWAAT ASTM G85-02 Annex 4 SO2-Modified Salt Spray ASTM G85-02 Annex 5 Modified Salt Spray Ford MA0045 Ford LACT 00.00-L-467 Honda 5100-SGO-A000 (6-2) Honda 5100-SEO-000 (6-2) VDA 621-415 GMW14872 Volvo STD 423-0014
Corrosion Creepback	GM9102P, GM9511P
Filiform Corrosion	Honda HES D6501-06 Section 3.16.1
Hot Salt Water Resistance	Honda 5100-SGO-A000 (6-3) Honda 5100-SEO-000 (6-3)
Humidity	ASTM D1735, D2247 Chrysler LP-463PB-09-01 GM 4465P Honda HES D6501 Section 3.19 Honda 5100-SGO-A000 (6-9) Honda 5100-SEO-000 (6-8) Honda 4251Z-SEP-A000 Section 4 GMW14729 John Deere JDQ 120 ASTM A967-05^{E1} DIN 50 017 QQ-P-35C SAE AMS2700C MIL-A 8625F
Miscellaneous:	
Acid Resistance	Honda HES D6501 Section 3.25 Honda 5100-SGO-A000 (6-15) Honda 5100-SEO-000 (6-14) MS619-07 4.6

Test	Test Methods
Adhesion	ASTM D3359 DaimlerChrysler LP-463PB-15-01 Ford BI106-01 GM 9071P Honda HES 6501 Sect. 3.6 Honda 5100-SGO-A000 (6-6) Honda 5100-SEO-000 (6-5) Honda 4251Z-SEP-A000 Section 1 John Deere JDQ 17 MS600-35 6.8.1, 6.8.2 MS619-07 4.5 FED-STD-141-6301 GMW3044 Section 3.3 GMW14829 GM9502P Knife Crosshatch Volvo STD 423-0009 Volvo STD 5712,104
Alkali Resistance	Honda 5100-SGO-A000 (6-14) Honda 5100-SEO-000 (6-13) Honda HES D6501 Section 3.24
Chemical and Fuel Resistance	John Deere JDQ 138A, JDQ 138B Honda 5100-SGO-A000 (6-17) Honda 5100-SEO-000 (6-16) Honda 4251Z-SEP-A000 Section 5 Honda HES D6501 Section 3.21 Volvo STD 1026, 8177 Volvo STD 1027, 6132 GMW14333 GMW14334 MIL-PRF-24667
Coating Weight	GM4435 ASTM B680 Honda 5100-SGO-A000 (7-2) ASTM A90/A 90M-07 ASTM B137-95 (Re-approved 2000) MIL-A 9625F
Chip Resistance (Gravelometer)	Honda 5100-SGO-A000 (6-11) Honda 5100-SEO-000 (6-10) Honda HES D6501 Section 3.33 GMW14700 SAE J400 ASTM D3170 John Deere JDQ 118

Test	Test Methods
Degree of Rusting	ASTM D610
Degree of Blistering	ASTM D714
Dime Scrape	GM9506P
Evaluation of Painted/Coated Specimens	ASTM D1654
Gasoline Puddle Test for Gasoline Fill Areas	GM 9500P
Gasoline Dip Test for Painted Parts (A and B)	GM 9501P
Gloss	ASTM D523 John Deere JDQ 12 Honda HES D6501 Section 3.3
Heat Resistance	Honda 4251Z-SEP-A000 Section 7
Label Compatibility	GMW4700 Section 3.7
Measurement of Coating Thickness Magnetic Method: Nonmagnetic Coatings on Magnetic Basis Metals	ASTM B499; GM 4260 (Method 5)
X-Ray Spectrometry	ASTM B568; GM 4260 (Method 9)
Pencil Hardness	ASTM D3363 Ford FLTM BI 151-01 Honda 5100-SGO-A000(6-5) Honda 5100-SEO-000(6-4) Honda HES D6501 Section 3.5 JIS K 5600-5-4 John Deere JDQ 11 Toyota TSH 1539G
Oil resistance	Honda 5100-SGO-A000(6-16) Honda 5100-SEO-000(6-15) Honda 4251Z-SEP-A000 Section 6 Honda HES D6501 Section 3.23 Ford WSS M21P44-A1 Volvo STD 1026, 8177 Volvo STD 1027, 6132
Rapid Water Cooling	Honda HES D6501 Section 3.20.2

Test	Test Methods
Solvent Rub Method for Determining Cure of Painted Metal or Plastic Substrates	GM 9509P Honda D6501-06 Section 3.22
Sulfur Dioxide Test (Kesternich)	ASTM G87 DIN 50 018 ISO 3231 ISO 6988
Temperature and Humidity	GM 9540P (Modified: -65°C to 180°C 10% to 95% Limited by 85°C Max Dry Bulb and 4°C Min Dew Point)
Temperature Resistance	John Deere JDQ 148
Thermal Shock	John Deere JDQ 149
Thickness	Honda HES D6501 Section 3.2.2
Thumbnail Hardness Test for Painted Parts	GM 9507P
Water Holding Capacity	ASTM D7367
Water Immersion	Ford B1 104-01 Honda 5100-SGO-A000 (6-8, 6-10) Honda 5100-SEO-000 (6-7, 6-9) Honda 4251Z-SEP-A000 Section 5 Honda HES D6501 Section 3.18, 3.37 Hyundai MS619-07
Wax Resistance	Honda 5100-SGO-A000 (6-18) Honda 5100-SEO-000 (6-17)
Wear Resistance	Honda HES D6501 Section 3.32.2