



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

AUTO TECHNOLOGY COMPANY
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MECHANICAL

Valid To: December 31, 2017

Certificate Number: 2563.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform tests on the following products or types of products: Aircraft, Automotive, Military, Electronic, Solar Components and Assemblies, Metals, Plastics and Composites.

Test Description and Equipment Parameters	Test Method(s) / Standard(s)
Acetic Acid Salt Spray (AASS) ¹ Temperature: Ambient to 65 °C Humidity: 10 % RH to 100 % RH	DIN 50021 ISO 9227 JIS H8502 Sect. 7.2 JIS Z2371 Sect. 7.2.2
C.A.S.S. ¹ Temperature: Ambient to 65 °C Humidity: 10 % RH to 100 % RH	ASTM B368 DIN 50021 Ford FLTM BQ 105-01 GM4476P ² (superseded 2011) ISO 9227 JIS H8502 Sect. 7.3 JIS Z2371 Sect. 7.2.3
Coating Evaluation - Blisters Coating Evaluation - Corrosion Coating Evaluation - Corrosion - Creep back	ASTM D714 ASTM D610 ASTM D1654, GM9102P ² (superseded 2012)
Conductivity	ASTM D1125
Corrodkote ¹ Temperature: -70 °C to 175 °C Humidity: 10 % RH to 95 % RH	ASTM B380
Hest / Quench ¹ Temperature: -70 °C to 175 °C Humidity: 10 % RH to 95 % RH	Delphi DX551200 Delphi DX551300 GMW3044 GMW4700

Test Description and Equipment Parameters

Cyclic Corrosion¹

Temperature: -20 °C to 90 °C

Humidity: 10 % RH to 100 % RH

Filiform¹

Temperature: -70 °C to 175 °C

Humidity: 10 % RH to 95 % RH

Temperature and Humidity¹

Temperature: -70 °C to 180 °C

Humidity: 10 % RH to 95 % RH

Test Method(s) / Standard(s)

Chrysler LP-463PB-22-01
Delphi DX900115
Ford CETP 00.00-L-467
Ford FLTM BI 123-01
Ford FLTM BI 123-02
Ford FLTM BI 123-03
Ford 00.00-L-3190
GM9505P Cycles A-O² (superseded 2012)
GM9511P² (superseded 2013)
GM9540P² (superseded 2013)
GM9619P² (superseded 2012)
GMW14872
GMW3172
Honda 5100Z-SG0-A000
Honda HES D2003
Honda HES D6001-04A
Honda HES D6602 D8N
Hyundai MS 600-66
JASO M609
Mazda MCT-1M
Mazda MCT-2M
Nissan CCT-I - NES M0158
Nissan CCT-IV - NES M0158
Nissan CCT-V - NES M0158
Renault ECC1 D172028
SAE J2334
Toyota TS C5209G
Toyota TS K6532G
Toyota TSH 1555G
Volvo VCS 1027-14
Volvo VCS 1027-149
Volvo VDA 621-415
VW PV1210
Volvo Std 423-0014

ASTM D2803 Procedures A-C
Honda HES D6501 Sect. 3.16.1
Volvo VDA 1027-141

ASTM D1735
ASTM D2247
ASTM D5427
Chrysler LP-463PB-09-01
DIN 50017
EIAJ ED-4701/200
Ford FLTM BI 104-01
Ford FLTM BQ 104-02
GM4465P² (superseded 2015)
GMW14729 (Option A)
Honda 5100Z-SG0-A000
Honda HES D6501 Sect. 3.19
ISO 6270-1
MIL-STD-810G Method 507.5
SAE-AMS-STD 753C Method 101
Toyota TSH 1505G
W3044

Test Description and Equipment Parameters

Test Method(s) / Standard(s)

Temperature and Humidity¹
-70 °C to 180 °C; 10 % RH to 95 % RH

W4700 (label compatibility)

pH

ASTM D1293

Salt Spray (fog)¹
Ambient to 90 °C

ASTM B117
ASTM C1503 – 20%
ASTM D5894-05
ASTM G85 Annex 1
ASTM G85 Annex 2
ASTM G85 Annex 3
ASTM G85 Annex 4
ASTM G85 Annex 5
Chrysler LP-463PB-10-01
Delphi DX551200 Sect 4.3, 4.3.2
Delphi DX551300 Sect 4.3, 4.3.2
DIN 50021
EIA-364-26B
Ford FLTM BI 103-01
GM4298P² (superseded 2011)
GMW3044 Sect 3.4
GMW3235 (Method A)
GMW3286
GMW4700 Sect 3.4
Honda 5100Z-SG0-A000
Honda HES D6001 Sect. 4.3
Honda HES D6501 Sect. 3.15.1
Honda HES D6501 Sect. 3.15.2
IEC 68-2-11
IEC 82/576 Sect. 7
IEC60068
ISO 7253
ISO 9227
JASO M610
JIS H8502 Sect. 7.1
JIS Z2371
MIL-STD-810G Method 509.5
Nissan NES M0140
Renault D17-1058/--J
Renault D17-1686/--E
RTCA/DO-160D
SAE J1756
Toyota TSH 1552G

Salt Water Immersion

Chrysler MS-PB1-2

SO₂¹
Temperature: Ambient to 50 °C

ASTM G87
DIN 50018
ISO 3231
ISO 6988

Solar Panel Testing¹
Temp: -70 °C to 180 °C
Hum: 10 % RH to 95 % RH

ASTM E1171
IEC 1646
IEC 60068-2-78

Test Description and Equipment Parameters**Test Method(s) / Standard(s)**Solar Panel Testing¹

Temp: -70 °C to 180 °C

Hum: 10 % RH to 95 % RH

IEC 60068-3-5, 6, 7

IEC 61215

IEC 61646

IEC 61730

IEC 62108

UL 1703

Specific Gravity

ASTM D1429 Method D

Temperature¹

-68 °C to 175 °C

Ford WSS-M2P177-A1-5 Sect. 3.5.7

Ford WSS-M2P184-A Sect. 3.6.7 & 3.6.8

Honda HES D6001 Sect. 4.4.1

Honda HES D6501 Sect. 3.20.1

Honda HES D6501 Sect. 3.20.2

MIL-STD-810G Method 501.5, 502.5, 507.5

Toyota TSH 1551G Sect. 9

Thermal Shock¹

-68 °C to 175 °C

Ford WSB-M1P83-B1 Sect. 3.8.2

GM4372M Sect. 3.5.2² (superseded 2011)

Honda HES D6001 Sect. 4.4.4

Honda HES D6501 Sect. 3.29

Toyota TSH 1551G

Water Immersion

ASTM D870

Ford FLTM BI 104-01

GM3628M (3.12)² (superseded 2015)GM4466P² (superseded 2015)GM9514P² (inactive 2011)

GME 60410

Honda 5100Z-SG0-A000

Honda HES D6501 Sect. 3.18

Honda HES D6501 Sect. 3.37

ISO 2812-2

Mazda MES MN601 (13)

Toyota TSH 1551G

¹ Also using customer specific test methods utilizing any combination of test equipment parameters listed above.

² This 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

AUTO TECHNOLOGY COMPANY

Strongsville, OH

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 17th day of February 2016.

A handwritten signature in blue ink, reading "Jim C. Bennett".

Senior Director, Quality and Communications
For the Accreditation Council
Certificate Number 2563.02
Valid to December 31, 2017

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