



The American Association for Laboratory Accreditation

World Class Accreditation

## Accredited Laboratory

A2LA has accredited

# NATIONAL EXPOSURE TESTING INC.

*Sylvania, 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 8th day of January 2009.



  
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Peter Abney

President & CEO  
For the Accreditation Council  
Certificate Number 1197.01  
Valid to October 31, 2010

*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

NATIONAL EXPOSURE TESTING, INC.  
3545 Silica Road  
Suite E  
Sylvania, OH 43560  
Christa Lammers Phone: 419 841 1065

MECHANICAL

Valid To: October 31, 2010

Certificate Number: 1197.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on paints, coatings, and materials used on automotive and aerospace components and fasteners:

Tests

Tape Adhesion

Test Methods

ASTM D3359; FLTM BI 106-01; GM 9071P;  
GMW14829; International Truck CEMS GT-5A

Water Immersion

ASTM D870; FLTM BI 104-01; GM 4466P;  
HES D6501 Sec. 3.18 and 3.37, S84 Sec. 6.7;  
TSH 1551G; International Truck CEMS GT-7G

Chip Resistance

ASTM D3170; GM 9508P Method B; HES D6501  
Sec. 3.33; SAE J400; TSH 1553G;  
Delphi DX 900163

Humidity

ASTM D1735, D2247;  
GM 4465P, W3044, W4700 (Label Compatibility);  
HES D6501 Sec.3.19, S84 Sec. 6.8;  
SAE-AMS-STD 753C Method 101; TSH 1505G;  
DIN 50017; GMW14729; ISO 6270-2; ASTM D4585

Salt Spray

ASTM B117; GM 4298P; FLTM BI 103-01;  
HES D6001 Sec. 4.3, D6501 Sec. 3.15.1 and 2;  
ISO 9227; JASO M610; JIS Z2371;  
Mil-Std 810 (Salt Spray Section); NES M0140;  
TSH 1552G; DIN50021; JIS H8502 Sec. 7.1;  
GMW3286

20% Salt Spray

ASTM C1503

Tests

Pencil Hardness (With D3363 pencils)

Dime Scrape

Film Thickness

Thumbnail Hardness

Solvent Rub

Cyclic Corrosion

Chipping Corrosion

Modified Salt Fog

C.A.S.S

SO<sub>2</sub>

Corrodokote

UV (QUV) Exposure

Cyclic Salt Fog / UV Exposure

Filiform

Rating and Evaluation

Temperature

Thermal Shock

Test MethodsASTM D3363; HES D6501 Sec. 3.5, S84 Sec. 6-4;  
TSH 1500G; International Truck CEMS GT-4D

GM 9506P

ASTM D7091; FLTM BI 117-01; ISO 2808

GM 9507P

ASTM D5402; GM 9509P; TSH 1551G Sec 5.2

Chrysler LP-463PB-22-01; Delphi DX900115;  
FLTM BI 123-01; FLTM BI 123-02; FLTM BI 123-  
03; GM 9505P Cycles A-O, 9511P, 9540P, 9619P;  
GMW 14872; SAE J2334; VDA 621-415; NES  
M0158, CCT-I, CCT-IV; Honda DWG. 5100Z-SE0-  
0000 (CCT portion)

Chrysler LP-463PB-52-01

ASTM G85 Annex 1, 2, 3, 4, &amp; 5

ASTM B368; FLTM BQ 105-01; GM 4476P;  
JIS H8502 Sec. 7.3; GMW14458

ASTM G87; DIN 50018; ISO 3231, 6988

ASTM B380; HES D6001 Ref. 1

ASTM D4587, G154, G151; IEEE C57.12.28-2005;  
IEEE C57.12.31-2002; NES M0007 Sec. 48 UV  
Method; SAE J2020

ASTM D5894

ASTM D 2803 Procedures A-C;  
HES D6501 Sec. 3.16.1ASTM B537, D610, D714, D1654; GM 9102P;  
ISO 4628-2, 4628-3, 10289Ford WSS-M2P177-A1-5 Sec. 3.5.7;  
HES D6001 Sec. 4.4.1, D6501 Sec. 3.20.1 and 2;  
TSH 1551G Sec. 9Ford WSB-M1P83-B1 Sec. 3.8.2;  
GM 4372M Sec. 3.5.2;  
HES D6001 Sec. 4.4.4, D6501 Sec. 3.29; TSH1551G;  
International Truck CEMS GT-14C; ASTM D6944  
Method B

Tests

Heat / Quench

pH

Conductivity

Specific Gravity

Salt Water Immersion

Visual Appearance

Handling Resistance

IEEE Scab

Dry to Touch

Corrosion Resistance

Test Methods

Delphi DX551200, DX551300; GM W3044, W4700

ASTM D1293

ASTM D1125

ASTM D1429

Chrysler MS-PB1-2; Honda DWG. 5100Z-SE0-0000

GMW4700, GMW3044

GMW4700, GMW3044

C57.12.28-2005; C57.12.31-2002

GMW3044, GMW4700

Harley-Davidson Test Flow 1 (Humidity/Salt Spray)