



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

DELPHI ELECTRONIC & SAFETY TEST LAB

EMC Laboratory
One Corporate Center
Kokomo, IN 46904

Kevin Davis (Kevin.D.Davis@delphi.com) Phone: (765) 451 - 8173

Chad Blueher (Chad.Blueher@Delphi.com) Phone: (765) 451 - 7016

ELECTRICAL (AEMCLAP)¹

Valid to: July 31, 2012

Certificate Number: 1567.01

In recognition of the successful completion of the A2LA and the Automotive EMC Laboratory Accreditation Program (AEMCLAP)¹ evaluation process, accreditation is granted to this laboratory to perform the following automotive electromagnetic compatibility tests:

Test Technology:

Test Method(s):

AEMCLRP⁽¹⁾ (Rev. 4) Recognized Tests and Addendum (May 25, 2007)

Electrostatic Discharge (ESD)

Appendix D

(Chrysler, Ford, GM)

Test Set-up/Location Designation:

Plant 8 ESD Room

ISO 10605 (2001, 2008);

CS-11979, Section 7.0;

ES-XW7T-1A278-AC (CI 280);

GMW 3097 (2006), Section 3.6

RF Conducted Emissions

Appendix F

(Chrysler, Ford, GM)

Test Set-up/Location Designation:

CTC-LL-Chamber CA

CISPR 25 (2002, 2008), Sections 6.2, 6.3;

CS-11979, Sections 5.1, 5.2;

ES-XW7T-1A278-AC (CE 420);

GMW 3097 (2006), Section 3.3.2

RF Radiated Emissions

Appendix G

(Chrysler, Ford, GM)

Test Set-up/Location Designation:

CTC-LL-Chamber CA

CISPR 25 (2002, 2008), Section 6.4;

CS-11979, Section 5.3;

ES-XW7T-1A278-AC (RE 310);

GMW 3097 (2006), Section 3.3.1

Bulk Current Injection (BCI)

Appendix I

Substitution Method

(Chrysler, Ford, GM)

Test Set-up/Location Designation:

Plant 8, Chambers T2 and T4

ISO 11452-4 (2005);

CS-11979, Section 6.1;

ES-XW7T-1A278-AC (RI 112)

GMW 3097 (2006), Section 3.4.1

Test Technology:

Test Method(s):

AEMCLRP⁽¹⁾ (Rev. 4) Recognized Tests and Addendum (May 25, 2007)

Absorber-Lined Shielded Enclosure (ALSE)
Appendix K
With Ground Plane Only
From 200 MHz to 3.2 GHz, up to 200 V/m
(Chrysler, Ford, GM)
Test Set-up/Location Designation:
CTC-LL-Chamber CA

ISO 11452-2 (2004);
CS-11979, Section 6.2;
ES-XW7T-1A278-AC (RI 114);
GMW 3097 (2006), Section 3.4.2

Reverberation Radiated Immunity Mode Tuned
Appendix L
(Ford, GM)
Test Set-up/Designation Location:
Plant 8, Chambers T5 and T6

ISO/IEC 61000-4-21 (2003);
GMW 3097 (2006), Section 3.4.3;
ES-XW7T-1A278-AC (RI 114)

Non-AEMCLRP Test(s)

Conducted Transient Immunity

ISO 7637-2 (2004); ISO 7637-3;
ES-XW7T-1A278-AC (CI 210 to CI 270);
EMC-CS-2009.1 (CI 210 to CI 270);
GMW 3097 (2006), Section 3.5.1

Electrostatic Discharge (ESD)

EMC-CS-2009.1 (CI 280)

RF Conducted Emissions

EMC-CS-2009.1 (CE 420, CE 421)

Bulk Current Injection (BCI)

EMC-CS-2009.1 (RI 112)

Absorber-Lined Shielded Enclosure (ALSE)

EMC-CS-2009.1 (RI 114)

Reverberation Radiated Immunity Mode Tuned

EMC-CS-2009.1 (RI 114)

¹ A2LA provides Accreditation for the Automotive EMC Laboratory Recognition Program (AEMCLRP) which is designated as the Automotive EMC Laboratory Accreditation Program (AEMCLAP). Chrysler, Ford Motor Company (Ford) and General Motors Corporation (GM) provide overall recognition as part of the AEMCLRP document (Fourth Edition, January 27, 2006) and Addendum (May 25, 2007), with Chrysler Changes to CS11809 (May 29, 2009) or CS11979 (April 13, 2010) and Ford Corrections or Requirements to ES-XW7T-1A278-AC (Updated June 7, 2006 and September 18, 2007).

The AEMCLRP document is available on the A2LA web site (www.a2la.org). Accreditation to the A2LA AEMCLAP requirements does not ensure recognition by the aforementioned organizations. Confirmation of recognition can be obtained from these organizations directly. If any items are not covered by AEMCLRP Rev. 4 or there are any conflicts among the documents, the actual issued test method standards of Chrysler, Ford Motor Company and General Motors Corporation and OEM issued corrections/addendums to these will supersede AEMCLRP Rev. 4 and Addendum (May 25, 2007).



The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Laboratory

A2LA has accredited

DELPHI ELECTRONICS & SAFETY TEST LAB

Kokomo, IN

for technical competence in the field of

Electrical 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 2nd day of December 2010.





Peter Abney

President & CEO
For the Accreditation Council
Certificate Number 1567.01
Valid to July 31, 2012

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