

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

DELPHI ELECTRONIC & SAFETY TEST LAB

EMC Laboratory

One Corporate Center

Kokomo, IN 46904

Mark Slusher ([D.Mark.Slusher@Delphi.com](mailto:D.Mark.Slusher@Delphi.com)) Phone: 765 451 4873

Chad Blueher ([Chad.Blueher@Delphi.com](mailto:Chad.Blueher@Delphi.com)) Phone: 765 451 7016

ELECTRICAL (AEMCLAP)<sup>1</sup>

Valid to: September 30, 2010

Certificate Number: 1567.01

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

**Test Technology**

***AEMCLRP<sup>(1)</sup> (Rev. 4) Recognized Tests  
and Addendum May 25, 2007***

**Test Method(s)**

***Electrostatic Discharge (ESD)***

*Appendix D*

(Chrysler, Ford, GM)

Test Set-up/Location Designation:

*Plant 8 ESD Room*

ISO 10605 (2001);

DC-11224 (2007/06) Section 10.1, 10.2;

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

GMW 3097 (2006) Section 3.6

***Absorber-Lined Shielded Enclosure (ALSE)***

*Appendix K*

(Chrysler, Ford, GM)

Test Set-up/Location Designation:

*CTC-LL-Chamber CA*

ISO 11452-2 (2004);

DC-11224 (2007/06) Sections 7.3, 7.4;

ES-XW7T-1A278-AC (RI 114);

GMW 3097 (2006) Section 3.4.2

***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;

DC-11224 (2007/06) Section 6.2, 6.3;

ES-XW7T-1A278-AC (CE420);

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;

DC-11224 (2007/06) Section 6.4;

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

GMW 3097 (2006) Section 3.3.1

**Test Technology**

***AEMCLRP<sup>(1)</sup> (Rev. 4) Recognized Tests  
and Addendum May 25, 2007***

**Test Method(s)**

***Bulk Current Injection (BCI)***

*Appendix I*

*Substitution Method*

(Chrysler, Ford, GM)

Test Set-up/Location Designation:

*Plant 8 R134 Chambers T2 and T4*

*Plant 10 R134 Chamber T3*

ISO 11452-4 (2005);  
DC-11224 (2007/06) Section 7.2;  
ES-XW7T-1A278-AC (RI 112);  
GMW 3097 (2006) Section 3.4.1

***Transverse Electromagnetic (TEM) Cell***

*Appendix J*

*(200 V/m up to 400 MHz)*

(Chrysler)

Test Set-up/Location Designation:

*Plant 8 R134 Chamber T7*

ISO 11452-3 (2001);  
DC-11224 (2007/06) Section 7.5

***Reverberation Radiated Immunity Mode Tuned***

*Appendix L*

(Ford, GM)

Test Set-up Designation/Location:

*Plant 8 R134 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);  
ES-XW7T-1A278-AC (CI 220 pulse E to G);  
GMW 3097 (2006 Section 3.5.1)

<sup>1</sup> 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, 01/27/06 and Addendum May 25, 2007 with Chrysler Addendum to DC-11224 (2007/06) and DC-11225 (2007/07) with Addendum to DC-11224/5 Rev A dated April, 2008 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](http://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 these will supersede AEMCLRP Rev. 4 and Addendum May 25, 2007.



THE AMERICAN ASSOCIATION FOR  
LABORATORY ACCREDITATION

## ACCREDITED LABORATORY

A2LA has accredited

**DELPHI ELECTRONICS & SAFETY TEST LAB**  
**Kokomo, IN**

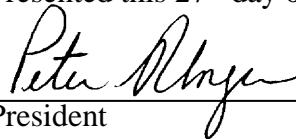
for technical competence in the field of

**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 18 June 2005*).



Presented this 27<sup>th</sup> day of October 2008.



President

For the Accreditation Council

Certificate Number 1567.01

Valid to September 30, 2010

Revised July 16, 2010

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