



World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

ROBERT BOSCH CORPORATION

Plymouth, MI

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 11th day of November 2009.



A handwritten signature in black ink, reading "Peter Abney".

President & CEO
For the Accreditation Council
Certificate Number 1867.01
Valid to November 30, 2011

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ROBERT BOSCH CORPORATION
Automotive Group Electromagnetic Compatibility
15000 North Haggerty Road
Plymouth, MI 48170
Mr. Brian Shortridge Phone: 734 979 3126

ELECTRICAL (AEMCLAP/EMC)¹

Valid to: November 30, 2011

Certificate Number: 1867.01

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 Tests¹ AEMCLRP Revision 4
(and Addendum May 25, 2007)***

Electrostatic Discharge (ESD)
Appendix D
(Chrysler, Ford, GM)
Chamber 5

ISO 10605 (2001);
GMW 3097 (2006) Section 3.6;
DC-11224 (2007/06) Section 10;
Ford ES-XW7T-1A278-AC (CI 280)

Conducted Emissions
Appendix F
(Chrysler, Ford, GM)
Chamber 1 and 2

CISPR 25 (2002) Sections 6.2, 6.3;
DC-11224 (2007/06) Sections 6.2, 6.3;
Ford ES-XW7T-1A278-AC (CE420);
GMW 3097 (2006) Section 3.3.2

Radiated Emissions
Appendix G
(Chrysler, Ford, GM)
Chamber 1 and 2

CISPR 25 (2002) Section 6.4;
DC-11224 (2007/06);
GMW 3097 (2006) Section 3.3.2;
Ford ES-XW7T-1A278-AC (RE 310);

Bulk Current Injection (BCI)
Appendix I
Substitution Method
(Chrysler, GM, Ford)
Chamber 1 and 2

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

Test Technology

Test Method(s)

***AEMCLRP Tests¹ AEMCLRP Revision 4
(and Addendum May 25, 2007)***

***Absorber Lined Shielded Enclosure (ALSE)
Appendix K
(Substitution Method, Metallic Bench)
(Freq. 200 MHz – 7.5 GHz, 200V/m)
(Chrysler, Ford, GM)
Chamber 1 and 2***

ISO 11452-2 (2004);
Ford ES-XW7T-1A278-AC (RI 114);
DC-11224 (2007/06 Section 7.4);
GMW 3097 (2006) Section 3.3.1

Non-AEMCLRP Tests

Electrostatic Discharge (ESD)

LP 388C-65

Conducted Emissions

LP 388C-65

Radiated Emissions

LP 388C-65

Bulk Current Injection (BCI)

LP 388C-65

Absorber Lined Shielded Enclosure (ALSE)

LP 388C-65

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, 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). 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.

