



The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Laboratory

A2LA has accredited

TRIALON CORPORATION

Burton, 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 22th day of August 2008.

A handwritten signature in black ink, appearing to read "Peter Abney".

President & CEO
For the Accreditation Council
Certificate Number 1123.02
Valid to May 31, 2010

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

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ELECTRICAL (AEMCLAP¹/EMC)

Valid to: May 31, 2010

Certificate Number: 1123.02

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

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

Electrostatic Discharge (ESD)

Appendix D

(Ford, GM)

Test Set-up/Location Designation:

ESD Room #1

RF Conducted Emissions

Appendix F – Voltage Method

(Ford, GM)

Test Set-up/Location Designation:

ALSE Chamber #1

RF Radiated Emissions

Appendix G

(Ford, GM)

Test Set-up/Location Designation:

ALSE Chamber #1

Test Method(s)

ISO 10605 (2001);

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

GMW 3097 (2006) Section 3.6

CISPR 25(2002) Section 6.2;

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

GMW 3097 (2006) Section 3.3.2

CISPR 25 (2002), Section 6.4;

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

GMW 3097 (2006) Section 3.3.1

Test Technology

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

Bulk Current Injection (BCI)

Appendix I - Substitution Method

(Ford, GM)

Test Set-up/Location Designation:

BCI Chamber #1

Absorber-Lined Shielded Enclosure (ALSE) RI

Appendix K

(Ford, GM,)

Test Set-up/Location Designation:

ALSE Chamber #1

Reverberation Radiated Immunity Mode Tuned

Appendix L

(Ford, GM)

Test Set-up Designation/Location:

Mode Tune Chamber #1

Other Non-AEMCLAP EMC/EMI Tests

Test Technology

Bulk Current Injection (BCI)

Substitution Method

Radiated Immunity (ALSE)

Immunity to Radiated Magnetic Fields

Conducted Transient Emissions

**Conducted Transient Immunity –
Transients on Power Lines**

**Conducted Transient Immunity –
Coupling to I/O other than Power Supply Lines**

Electrostatic Discharge (ESD)

Radiated Emissions (ALSE)

Test Method(s)

ISO 11452-4 (2005);
Ford ES-XW7T-1A278-AC (RI 112);
GMW 3097 (2006) Section 3.4.1

ISO 11452-2 (2004), (200 MHz to 5GHz);
Ford ES-XW7T-1A278-AC (RI 114);
GMW 3097 (2006) Section 3.4.2

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

Test Method(s)

SAE J1113-4 (2004)

SAE J1113-21 (2005),
(200 MHz to 5GHz)

SAE J1113-22 (2003)

ISO 7637-2 (2008);
SAE J1113-42 (2006)

ISO 7637-2 (2008);
SAE J1113-11 (2007)

ISO 7637-3 (2008);
SAE J1113-12 (2006)

SAE J1113-13 (2004)

CISPR 25 (2008), Section 6.4;
SAE J1113-41 (2000) Section 7



Test Technology
Conducted Emissions (Voltage)

Test Method(s)
CISPR 25 (2008), Section 6.2;
SAE J1113-41 (2000) Section 5

Airbag Components

ISO 12097-3, Section 7.2 (using ISO
11452-1, ISO 11452-2, ISO 11452-3)

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 the Addendum May 25, 2007). This 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.

