



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CONTINENTAL AUTOMOTIVE SYSTEMS

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

Valid to: May 31, 2013

Certificate Number: 1419.01

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)

***RF Conducted Emissions***

*Appendix F*

Test Set-up/Location Designation:

*Chamber 1, Chamber 9*

*(GM, Chrysler Group LLC)*

CISPR 25 (2008) Section 6.2, 6.3;

GMW 3097 (2006) Section 3.3.2;

CS 11809 Sections 5.1, 5.2;

CS-11979 Change A, Sections 5.1, 5.2

***Radiated Emissions***

*Appendix G*

Test Set-up/Location Designation

*Chamber 1, Chamber 9*

*(GM, Chrysler Group LLC)*

CISPR 25 (2008) Section 6.4;

GMW 3097 (2006) Section 3.3.1;

CS 11809 Section 5.3;

CS-11979 Change A, Section 5.3

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

Substitution Method

*Appendix I*

Test Set-up/Location Designation

*Chamber 2, Chamber 6*

*(GM, Chrysler Group LLC)*

ISO 11452-4 (2005);

GMW 3097 (2006) Section 3.4.1;

CS 11809 Section 6.1;

CS-11979 Change A, Section 6.1

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

Test Method(s)

***Absorber-Lined Shielded Enclosure (ALSE)***  
*Appendix K*  
Test Set-up/Location Designation:  
*Chamber 9*  
*(Chrysler Group LLC)*  
(200 MHz-3.2 GHz)  
(150 V/m without ground plane)  
(200 V/m with ground plane)

ISO 11452-2 (2004) (with ground plane);  
CS 11809 Section 6.2 (without ground plane);  
CS-11979, Change A, Section 6.2 (using SAE J113-21 without ground plane)

***RI Reverberation Method – Mode Tuned***  
*Appendix L*  
*(GM)*  
Test setup/Location Designation  
*Chamber 10*

IEC 61000-4-21;  
GMW 3097 (2006) Section 3.4.3

**Other Non-AEMCLRP EMC/EMI Tests**

Test Technology

Test Method(s)

RF Conducted Emissions

EMC-CS-2009.1 (CE 420)

Radiated Emissions

EMC-CS-2009.1 (RE 310)

Bulk Current Injection (BCI)  
Substitution Method

EMC-CS-2009.1 (RI 112)

Bulk Current Injection (BCI)  
Close Loop Method

SAE J1113 - 25

Reverberation Radiated Immunity Mode Tuned

EMC-CS-2009.1 (RI 114)

Transverse Electromagnetic (TEM) Cell  
(10KHz to 200MHz)

ISO 11452-3



*This accreditation covers testing performed at the main laboratory listed above, and the following satellite laboratory listed below:*

CONTINENTAL AUTOMOTIVE SYSTEMS

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Test Technology

Test Method(s)

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

***Electrostatic Discharge (ESD)***

*Appendix D*

Test Set-up/Location Designation:

*ESD Room 1*

*ESD Room 2*

*(GM, Chrysler Group LLC)*

ISO 10605 (2001);

ISO 10605 (2008);

GMW 3097 (2006) Sections 3.6.1, 3.6.2,  
3.6.3, 3.6.4;

CS 11809 Sections 7.1, 7.2;

CS-11979 Change A, Sections 7.1, 7.2

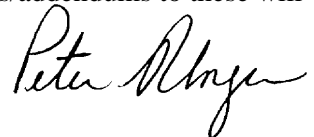
**Other Non-AEMCLRP EMC/EMI Tests**

Electrostatic Discharge (ESD)

EMC-CS-2009.1 (CI 280)

<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, January 27, 2006) and Addendum (May 25, 2007), with Chrysler Changes to CS11809 (May 29, 2009) or CS11979 (Change A). The Ford Motor Company (Ford) latest Automotive EMC standard that is not yet part of AEMCLRP is EMC-CS-2009.1 available at Ford website.

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 to these will supersede AEMCLRP Rev. 4 and Addendum (May 25, 2007).





World Class Accreditation

The American Association for Laboratory Accreditation

# Accredited Laboratory

A2LA has accredited

## CONTINENTAL AUTOMOTIVE SYSTEMS

*Lake Zurich, IL*

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 14<sup>th</sup> day of February 2011.



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

President & CEO  
For the Accreditation Council  
Certificate Number 1419.01  
Valid to May 31, 2013

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