



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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

Valid to: May 31, 2012

Certificate Number: 1860.01

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, GM)

Test Set-up/Location Designation:

*ESD Bench, BCI Chamber*

ISO 10605 (2001) Section 7;

ISO 10065 (2008) Section 9;

CS-11979 Section 7;

GMW 3097 (2006) Section 3.6

***RF Conducted Emissions***

*Appendix F*

(Chrysler, GM)

Test Set-up/Location Designation:

*ALSE Chamber*

CISPR 25(2002) Sections 6.2 and 6.3;

CISPR 25 (2008) Sections 6.2 and 6.3;

CS-11979 Sections 5.1, 5.2;

GMW 3097 (2006) Section 3.3.2

***RF Radiated Emissions***

*Appendix G*

(Chrysler, GM)

Test Set-up/Location Designation:

*ALSE Chamber*

CISPR 25 (2002) Section 6.4;

CISPR 25 (2008) Section 6.4;

CS-11979 Section 5.3;

GMW 3097 (2006) Section 3.3.1

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

*Appendix I*

*Substitution Method*

(Chrysler, GM)

Test Set-up/Location Designation:

*BCI Chamber*

ISO 11452-4 (2005);

CS-11979 Section 6.1;

GMW 3097 (2006) Section 3.4.1

**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  
Substitution Method, Metallic bench only  
From 100 kHz to 3 GHz up to 300 V/m  
(Chrysler, GM)  
Test Set-up/Location Designation:  
ALSE Chamber***

ISO 11452-2 (2004);  
CS-11979 Section 6.2;  
GMW 3097 (2006) Section 3.4.2

**Non-AEMCLRP Tests**

Electrical Transient Conduction on Supply Lines  
Electrical Transient Lines other than Supply Lines  
Immunity to Magnetic Fields  
Electrostatic Discharge (ESD)  
  
RF Conducted Emissions (CE)  
  
RF Radiated Emissions (RE)  
  
Radiated Immunity - Bulk Current Injection (BCI)  
  
Radiated Immunity - Absorber Lined Shielded Enclosure (ALSE)

ISO 7637-2  
ISO 7637-3  
SAE J1113-22 (*radiating loop only*)  
ES-XW7T-1A278-AC (CI280);  
EMC-CS-2009.1 (CI280);  
DC-11224 (2007/06) Sections 10.1, 10.2  
  
ES-XW7T-1A278-AC (CE420);  
EMC-CS-2009.1 (CE420);  
DC-11224 (2007/06) Sections 6.2, 6.3  
  
ES-XW7T-1A278-AC (RE310);  
EMC-CS-2009.1 (RE310);  
DC-11224 (2007/06) Section 6.4  
  
ES-XW7T-1A278-AC (RI112);  
EMC-CS-2009.1 (RI112);  
DC-11224 (Change A) Section 7.2  
  
ES-XW7T-1A278-AC (RI114);  
EMC-CS-2009.1 (RI114);  
DC-11224 (Change A) Sections 7.3, 7.4

<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 (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](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

## T.K. HOLDINGS INC.

*Pontiac, 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 12th day of October 2010.



  
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Peter Abney

President & CEO  
For the Accreditation Council  
Certificate Number 1860.01  
Valid to May 31, 2012

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