

DATech Deutsche Akkreditierungsstelle Technik in der TGA GmbH  
Signatory of the Multilateral Agreement of EA and ILAC for the mutual recognition

represented in the

# Deutschen AkkreditierungsRat



## Akkreditierung

The TGA GmbH, represented by the DATech Deutsche Akkreditierungsstelle Technik in der TGA GmbH, confirms that the Testing Laboratory

**PHOENIX TESTLAB GmbH  
Königswinkel 10**

**D-32825 Blomberg**

is competent under the terms of DIN EN ISO/IEC 17025:2005 to carry out testing in the fields of

**Electromagnetical Compatibility (EMC) according to  
AEMCLRP**

according to the annexed list of standards and specifications.

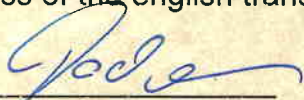
The accreditation is valid until: **2014-09-07**

The annex is deemed part of this certificate and comprises **2** pages.

DAR-Registration No.: **DAT-PL-105/03-A2**

Frankfurt/Main, 2009-09-08

Correctness of the english translation confirmed: Frankfurt/Main, 2009-09-08

  
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Dr. Thomas Facklam  
Managing Director

Member in EA, ILAC, IAF

**Anlage zur Akkreditierungsurkunde DAT-PL-105/03-A2 vom 08.09.2009**  
**Annex to the accreditation certificate**

Seite/page 1/2

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

PHOENIX TESTLAB GmbH  
Königswinkel 10  
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**ELECTRICAL (AEMCLRP)**

Valid to: October 5<sup>th</sup>, 2009

In recognition of the successful completion of the DATech in der TGA GmbH and the Automotive EMC Laboratory Recognition Program (AEMCLRP) evaluation process, accreditation is granted to this laboratory to perform the following automotive electromagnetic compatibility tests :

| <u>Test Technology</u>                                      | <u>Test Method(s)</u>  |
|---|--|
| Electrostatic Discharge (ESD)<br>(Appendix D: Ford, GM, DC) | ISO 10605 (2001)<br>ES-XW7T-1A278-AC (CI 280)<br>GMW3097 Section 3.6 (2004)<br>GMW3097 Section 3.6 (2006)<br>DC-10614 and LP-388C-65<br>DC-11224   |
| Conducted Emissions<br>(Appendix F: Ford, GM, DC)           | CISPR 25 (2002)<br>ES-XW7T-1A278-AC (CE 420)<br>GMW3097 Section 3.3.2 (2004)<br>GMW3097 Section 3.3.2 (2006)<br>DC-10614 and LP-388C-65            |
| Radiated Emissions<br>(Appendix G: Ford, GM, DC)            | CISPR 25 (2002)<br>ES-XW7T-1A278-AC (RE 310)<br>GMW3097 Section 3.3.1 (2004)<br>GMW3097 Section 3.3.2 (2006)<br>DC-10614 and LP-388C-65<br>DC-1123 |

**Anlage zur Akkreditierungsurkunde DAT-PL-105/03-A2 vom 08.09.2009**  
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Seite/page 2/2

Bulk Current Injection (BCI)  
Substitution Method  
(Appendix I: Ford, GM, DC)

ISO 11452-4 (2005)  
ES-XW7T-1A278-AC (RI 112)  
GMW3097 Section 3.4.1 (2004)  
GMW3097 Section 3.4.1 (2006)  
DC-10614 and LP-388C-65  
DC-11224

Absorber-lined shielded enclosure (ALSE)  
(Appendix K: Ford, GM, DC)

ISO 11452-2 (2004)  
ES-XW7T-1A278-AC (RI 114)  
GMW3097 Section 3.4.2 (2004)  
GMW3097 Section 3.4.2 (2006)  
DC-10614 and LP-388C-65  
DC-11224

Absorber-lined shielded enclosure  
Radar Pulse Only  
(Appendix M. Ford, GM)

ISO 11452-2 (2004)  
ES-XW7T-1A278-AC (RI 114)  
GMW3097 Section 3.4.2 (2004)  
GMW Section 3.4.2 (2006)