


APPROVAL CERTIFICATE

This is to certify, that the undernoted company has been approved in accordance with the relevant requirements of the DNV GL Approval System.

Certificate No.	11 510 - 14 HH
Company	Phoenix Test-Lab GmbH Königswinkel 10 32825 Blomberg, GERMANY
Description	Approval of Testing Laboratory
Type/Equipment/System	Environmental and EMC Laboratory
Technical Data/ Application	The following tests are in accordance to the "Guidelines for the Performance of Type Approvals, VI-7-2 Test Requirements for Electrical / Electronic Equipment and Systems, Edition 2012": No. 3 Power supply failure No. 4 Power supply variations No. 5 Cold (IEC 60068-2-1 A and B) No. 6 Dry heat (IEC 60068-2-2) No. 7 Damp heat (IEC 60068-2-30 Db) No. 8 Salt mist (Basis: IEC publication 60068-2-52) No. 9 Vibration (Basis: IEC publication 60068-2-6) No. 10 Inclinations No. 12 Pressure test (special areas) No. 13 Insulation resistance EMC see Page 2 Additional: Tests for Degree of Protection
Approval Standard	GL Guidelines for Approval of Testing Laboratories for Electrical/Electronic Equipment and Systems, Edition 27-10-2011
Documents	GL Audit Report dated 08-10-2014; Akkreditation DAKKS D-PL-17186-01-03 dated 27-05-2013 for the Environmental Laboratory and Akkreditation DAKKS D-PL-17186-01-01 dated 27-05-2013 for the EMC Laboratory; QM-Manual: Management Manual with RRevision No. 13 dated 03.03.2014
Remarks	None

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- No. 14 High voltage**
- No. 15 Electrostatic discharge**
- No. 16 Electromagnetic fields**
- No. 17 Conducted fast transients (burst)**
- No. 18 Conducted high frequency interference**
- No. 19 Conducted slow transients (surge)**
- No. 20 Conducted low frequency interference (harmonics)**
- No. 21 Conducted emissions**
- No. 22 Radiated emissions from enclosure port**

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