

# Deutsche Akkreditierungsstelle GmbH

## Annex to the Accreditation Certificate D-PL-18930-01-00 according to DIN EN ISO/IEC 17025:2018

**Valid from:** 30.09.2021

Date of issue: 30.09.2021

Holder of certificate:

**HELLA GmbH & Co. KGaA**  
**Beckumer Straße 130, 59555 Lippstadt**

At location:

**Hella GmbH & Co. KGaA, Beckumer Straße 130, 59555 Lippstadt**  
**Hella GmbH & Co. KGaA, Rixbecker Straße 75, 59555 Lippstadt**

Tests in the fields:

**Electromagnetic Compatibility (EMC)**  
**Electrical Engineering (Environment testing)**  
**3D Measurement Technology**  
**Material Testing**  
**Acoustics**

Within the accreditation areas marked with \*, the testing laboratory is permitted to use the standardised test methods listed here, or those that are equivalent to them, with different issue statuses, without requiring prior information and approval from the DAkkS.  
The testing laboratory has an up-to-date list of all test methods in the flexible accreditation scope.

*The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories. Laboratories that conform to the requirements of this standard, operate generally in accordance with the principles of DIN EN ISO 9001.*

*The certificate together with the annex reflects the status as indicated by the date of issue.  
The current status of any given scope of accreditation may be found respectively in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH <https://www.dakks.de/en/content/accredited-bodies-dakks>.*

Abbreviations used: see last page

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**This document is a translation. The definitive version is the original German annex to the accreditation certificate.**

Department	Standard or test method / Issue status	Title of the standard or test method	Test area / Limitations
<b>Location: Beckumer Straße 130</b>			
<b>E-OSL4 EMC Center, Beckumer Straße</b>			
EMC	ISO 7637-2 (2011-03)*	Road vehicles — Electrical disturbances from conduction and coupling — Part 2: Electrical transient conduction along supply lines only	
EMC	ISO 7637-3 (2016-07)*	Road vehicles — Electrical disturbances from conduction and coupling — Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines	
EMC	ISO 10605 (2008-07)*	Road vehicles — Test methods for electrical disturbances from electrostatic discharge	
EMC	ISO 11452-2 (2019-01)*	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 2: Absorber-lined shielded enclosure	
EMC	ISO 11452-3 (2016-09)*	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 3: Transverse electromagnetic (TEM) cell	
EMC	ISO 11452-4 (2011-12)*	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 4: Harness excitation methods	
EMC	ISO 11452-5 (2002-04)*	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 5: Stripline	
EMC	ISO 11452-8 (2015-06)*	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 8: Immunity to magnetic fields	

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EMC	ISO 11452-9 (2012-05)*	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 9: Portable transmitters	10m- and 2m-band partial only (26,96...27,4MHz; 144...148MHz)
EMC	CISPR 25 (2016-10)*	Radio disturbance characteristics for the protection of receivers used on board vehicles. Boats, and on devices – Limits and methods of measurement	Measurement of components and modules only, no vehicle measurement, no measurement of alternators and generators
EMC	MIL-STD-461G (2017-12)*	Requirements for the control of electromagnetic interference characteristics of subsystems and equipment – RE101	RE101, radiated emissions, magnetic field, 30 Hz to 100 kHz
<b>E-OSL2 Central Laboratories Metrology, Beckumer Straße</b>			
<b>Dimensional Lab, Beckumer Straße</b>			
3D Measurement	AD- 00510 (2019-02-15)	Determination of dimensional and form deviations of industrial manufactured products by using a tactile 3D CMM	
<b>Physical Lab, Beckumer Straße</b>			
Material Testing	AD-00547 (2019-03-04)	Laboratory haptic measurements	
<b>E-OSL1 Central Laboratories Environmental, Beckumer Straße</b>			
<b>Environmental Lab, Beckumer Straße</b>			
Environment	ISO 9227 (2017-03)*	Corrosion tests in artificial atmospheres – Salt spray tests	NSS only
Environment	DIN EN ISO 9227 (2017-03)*	Corrosion tests in artificial atmospheres - Salt spray tests (ISO 9227:2017)	NSS only

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Environment	ISO 16750-4 (2010-04)*	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 4: Climatic loads	Chapter 5.4.2 Splash water test only
Environment	ISO 20653 (2013-02)*	Road vehicles — Degrees of protection (IP code) — Protection of electrical equipment against foreign objects, water and access	Dust test Vertical-flow 8.3.3.1 a) only
Environment	IEC 60068-2-1 (2007-03)*	Environmental testing - Part 2-1: Tests - Test A: Cold	
Environment	DIN EN 60068-2-1 (2008-01)*	Environmental testing - Part 2-1: Tests - Test A: Cold	
Environment	IEC 60068-2-2 (2007-07)*	Environmental testing - Part 2-2: Tests - Test B: Dry heat	
Environment	DIN EN 60068-2-2 (2008-05)*	Environmental testing - Part 2-2: Tests - Test B: Dry heat	
Environment	IEC 60068-2-11 (1999-12)*	Basic environmental testing procedures - Part 2-11: Tests - Test Ka: Salt mist	
Environment	DIN EN 60068-2-11 (2000-02)*	Environmental testing - Part 2: Tests; test Ka: Salt mist	
Environment	IEC 60068-2-14 (2009-01)*	Environmental testing - Part 2-14: Tests - Test N: Change of temperature	Na/Nb only
Environment	DIN EN 60068-2-14 (2010-04)*	Environmental testing - Part 2-14: Tests - Test N: Change of temperature	Na/Nb only
Environment	IEC 60068-2-30 (2005-08)*	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	
Environment	DIN EN 60068-2-30 (2006-06)*	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	
Environment	IEC 60068-2-38 (2009-01)*	Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test	

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Environment	DIN EN 60068-2-38 (2010-06)*	Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test	
Environment	IEC 60068-2-52 (2017-11)*	Environmental testing - Part 2-52: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution)	Except test method 7 and 8
Environment	DIN EN 60068-2-52 (2018-08)*	Environmental testing - Part 2-52: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution)	Except test method 7 and 8
Environment	IEC 60068-2-67 (1995-12)*	Environmental testing - Part 2-67: Tests - Test Cy: Damp heat, steady state, accelerated test primarily intended for components	
Environment	DIN EN 60068-2-67 (1996-07)*	Environmental testing - Part 2-67: Tests - Test Cy: Damp heat, steady state, accelerated test primarily intended for components	
Environment	IEC 60068-2-78 (2012-10)*	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	
Environment	DIN EN 60068-2-78 (2014-02)*	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	
Environment	BMW GS 95024-3-1 (2013-07)	Electrical and electronic components in motor vehicles Environmental requirements and testings	K-01, K-02, K-03, K-05, K-06, K-07, K-08, K-09, K-14, K-15, K-16, M-03 only
Environment	GMW3172 (2015-06)	General Specification for Electrical/Electronic Components - Environmental/Durability	Chapter 9.4.4 Thermal/Water Splash only
Environment	GMW3172 (2018-04)	General Specification for Electrical/Electronic Components - Environmental/Durability	Chapter 9.4.4 Thermal/Water Splash only

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<b>Department</b>	<b>Standard or test method / Issue status</b>	<b>Title of the standard or test method</b>	<b>Test area / Limitations</b>
Environment	MBN LV124-2 (2013-08)	Electric and Electronic Components in Motor Vehicles up to 3,5t – General Requirements, Test Conditions and Tests Part 2: Environmental Requirements	K-01, K-02, K-03, K-05, K-06, K-07, K-08, K-09, K-14, K-15, K-16, M-03 only
Environment	VW 80000 (2013-06)	Electric and Electronic Components in Motor Vehicles up to 3.5 t – General Requirements, Test Conditions, and Tests	K-01, K-02, K-03, K-05, K-06, K-07, K-08, K-09, K-14, K-15, K-16, M-03 only
Environment	VW 80000 (2017-10)	Electric and Electronic Components in Motor Vehicles up to 3.5 t – General Requirements, Test Conditions, and Tests	K-01, K-02, K-03, K-05, K-06, K-07, K-08, K-09, K-14, K-15, K-16, M-03 only
<b>Vibration Lab, Beckumer Straße</b>			
Environment	ISO 16750-3 (2012-12)*	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 3: Mechanical loads	Except chapter 4.4 and 4.5
Environment	IEC 60068-2-1 (2007-03)*	Environmental testing - Part 2-1: Tests - Test A: Cold	
Environment	DIN EN 60068-2-1 (2008-01)*	Environmental testing - Part 2-1: Tests - Test A: Cold	
Environment	IEC 60068-2-2 (2007-07)*	Environmental testing - Part 2-2: Tests - Test B: Dry heat	
Environment	DIN EN 60068-2-2 (2008-05)*	Environmental testing - Part 2-2: Tests - Test B: Dry heat	
Environment	IEC 60068-2-6 (2007-12)*	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	
Environment	DIN EN 60068-2-6 (2008-10)*	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	

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Environment	IEC 60068-2-14 (2009-01)*	Basic environmental testing procedures Part 2: Tests – Test N: Change of temperature	Nb only
Environment	DIN EN 60068-2-14 (2010-04)*	Environmental testing - Part 2-14: Tests - Test N: Change of temperature	Nb only
Environment	IEC 60068-2-27 (2008-02)*	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock	
Environment	DIN EN 60068-2-27 (2010-02)*	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock	
Environment	IEC 60068-2-30 (2005-08)*	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	
Environment	DIN EN 60068-2-30 (2006-06)*	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	
Environment	IEC 60068-2-38 (2009-01)*	Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test	
Environment	DIN EN 60068-2-38 (2010-06)*	Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test	
Environment	IEC 60068-2-64 (2008-04)*	Environmental testing – Part 2-64: Tests – Test Fh: Vibration, broadband random and guidance	
Environment	DIN EN 60068-2-64 (2009-04)*	Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance	
Environment	IEC 60068-2-78 (2012-10)*	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	
Environment	DIN EN 60068-2-78 (2014-02)*	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	
Environment	IEC 60068-2-80 (2005-05)*	Environmental testing – Part 2-80: Tests – Test Fi: Vibration – Mixed mode	

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Environment	DIN EN 60068-2-80 (2006-05)*	Environmental testing - Part 2-80: Tests - Test Fi: Vibration - Mixed mode	
Environment	BMW GS 95024-3-1 (2013-07)	Electrical and electronic components in motor vehicles Environmental requirements and testings	M-01, M-04, M-05, M-06 only
Environment	GMW3172 (2015-06)	General Specification for Electrical/Electronic Components - Environmental/Durability	Chapter 9.3.1, 9.3.2, 9.3.3, 9.3.4, 9.3.10 only
Environment	GMW3172 (2018-04)	General Specification for Electrical/Electronic Components - Environmental/Durability	Chapter 9.3.1, 9.3.2, 9.3.3, 9.3.4, 9.3.10 only
Environment	MBN LV124-2 (2013-08)	Electric and Electronic Components in Motor Vehicles up to 3,5t – General Requirements, Test Conditions and Tests Part 2: Environmental Requirements	M-01, M-04, M-05, M-06 only
Environment	VW 80000 (2013-06)	Electric and Electronic Components in Motor Vehicles up to 3.5 t – General Requirements, Test Conditions, and Tests	M-01, M-04, M-05, M-06 only
Environment	VW 80000 (2017-10)	Electric and Electronic Components in Motor Vehicles up to 3.5 t – General Requirements, Test Conditions, and Tests	M-01, M-04, M-05, M-06 only
<b>Acoustics Lab, Beckumer Straße</b>			
Acoustics	ISO 3744 (2010-10)*	Determination of sound power levels and sound energy levels of noise sources using sound pressure – Engineering methods for an essentially free field over a reflecting plane	
Acoustics	DIN EN ISO 3744 (2011-02)*	Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane	

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Acoustics	VW 82469 (2014-07)	Accessory Devices - Acoustic Requirements	
Acoustics	VW 82469 (2019-03)	Accessory Devices - Acoustic Requirements	
<b>Location: Rixbecker Straße 75</b>			
<b>L-TI-V-LAB3 Environmental Laboratory Lighting, Rixbecker Straße 75</b>			
Environment	IEC 60068-2-14 (2009-01)*	Basic environmental testing procedures Part 2: Tests – Test N: Change of temperature	Na only
Environment	DIN EN 60068-2-14 (2010-04)*	Environmental testing - Part 2-14: Tests - Test N: Change of temperature	Na only
Environment	IEC 60068-2-38 (2009-01)*	Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test	
Environment	DIN EN 60068-2-38 (2010-06)*	Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test	
<b>L-TI-V-LAB4 Chemistry Laboratory Lighting, Rixbecker Straße 75</b>			
Material	ISO 1183-1 (2012-05)*	Plastics – Methods for determining the density of non-cellular plastics – Part 1: Immersion method, liquid pycnometer method and titration method	Method A only
Material	DIN EN ISO 1183-1 (2013-04)*	Plastics - Methods for determining the density of non-cellular plastics - Part 1: Immersion method, liquid pycnometer method and titration method	Method A only

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Material	ISO 306 (2013-11)*	Determination of Vicat softening temperature (VST)	Apperatus: Direct – contact heating unit
Material	DIN EN ISO 306 (2014-03)*	Plastics - Thermoplastic materials - Determination of Vicat softening temperature (VST)	Apperatus: Direct – contact heating unit