Deutsche Akkreditierungsstelle GmbH

Anlage zur Akkreditierungsurkunde D-PL-22228-02-00 nach DIN EN ISO/IEC 17025:2018

Gültig ab: **30.06.2022**

Ausstellungsdatum: 30.06.2022

Urkundeninhaber:

Continental Automotive Technologies GmbH
Vahrenwalder Straße 9, 30165 Hannover

Am Standort:

Continental Automotive Technologies GmbH
EMV Prüflaboratorium
VDO-Straße 1, 64832 Babenhausen

Prüfungen in den Bereichen:

Elektromagnetische Verträglichkeit (EMV)

Dem Prüflaboratorium ist, ohne dass es einer vorherigen Information und Zustimmung der DAkkS bedarf, die Anwendung der hier aufgeführten genormten oder ihnen gleichzusetzenden Prüfverfahren mit unterschiedlichen Ausgabeständen gestattet.

Das Prüflaboratorium verfügt über eine aktuelle Liste aller Prüfverfahren im flexiblen Akkreditierungsbereich.

Die Anforderungen an das Managementsystem in der DIN EN ISO/IEC 17025 sind in einer für Prüflaboratorien relevanten Sprache verfasst und stehen insgesamt in Übereinstimmung mit den Prinzipien der DIN EN ISO 9001.

Die Urkunde samt Urkundenanlage gibt den Stand zum Zeitpunkt des Ausstellungsdatums wieder. Der jeweils aktuelle Stand des Geltungsbereiches der Akkreditierung ist der Datenbank akkreditierter Stellen der Deutschen Akkreditierungsstelle GmbH (DAkkS) zu entnehmen. https://www.dakks.de/content/datenbank-akkreditierter-stellen

Fach-bereich	Norm / Hausverfahren / Version	Titel der Norm oder des Hausverfahrens	Prüfbereich / Einschränkung
EMV	ISO 11452-2 Second Edition 2004-11-01	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 2: Absorber-lined shielded enclosure	Frequency range 80MHz - 6GHz
EMV	ISO 11452-2 Third Edition 2019-01	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 2: Absorber-lined shielded enclosure	Frequency range 80MHz - 6GHz No HV Component test
EMV	ISO 11452-4 Third edition 2005-4-01	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 4: Bulk current injection (BCI)	
EMV	ISO 11452-4: 2005 TECHNICAL CORR. 1 2009-08-01	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 4: Bulk current injection (BCI)	
EMV	ISO 11452-4 Fourth Edition 2011-12-15	Road vehicles -- Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Harness excitation methods	TWC test method not performed
EMV	ISO 11452-4 Fifth Edition 2020-04	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Harness excitation methods	TWC test method not performed DUT test with HV not performed
EMV	ISO 11452-5 Second Edition 2002-04-15	Road vehicles - Component test methods for electrical disturbances by narrowband radiated electromagnetic energy - Part 5: Stripline	
EMV	CISPR 25 Edition 2 2002-08	Radio disturbances characteristics for the protection of receivers used on board vehicles, boats, and on devices - Limits and methods of measurement	No vehicle test
EMV	CISPR 25 Edition 2 Annex H 2004-07-12	Radio disturbances characteristics for the protection of receivers used on board vehicles, boats, and on devices - Limits and methods of measurement	

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EMV	CISPR 25 Edition 2 Corrigendum 1 March 2004	Radio disturbances characteristics for the protection of receivers used on board vehicles, boats, and on devices - Limits and methods of measurement	
EMV	CISPR 25 Edition 3 2008-03	Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers	No vehicle test
EMV	CISPR 25 (Third edition – 2008) Corrigendum 1 January 2009	Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers	No vehicle test
EMV	CISPR 25 Edition 4 2016-10	Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers	No test of exception 1: Measurement of emissions received by an antenna on the same vehicle. exception 2: Measurement of components and modules: Conducted emission (voltage method) on HV lines exception 3: Measurement of components and modules: Conducted emission (current method) on HV
EMV	CISPR 25:2016/ COR1:2017	Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers	

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EMV	DIN EN 55025 (VDE 0879-2) März 2009	Fahrzeuge, Boote und von Verbrennungsmotoren angetriebene Geräte – Funkstöreigenschaften – Grenzwerte und Messverfahren für den Schutz von an Bord befindlichen Empfängern (IEC/CISPR 25:2008); Deutsche Fassung EN 55025:2008	Keine Fahrzeug-messungen
EMV	DIN EN 55025 (VDE 0879-2) März 2018	Fahrzeuge, Boote und von Verbrennungsmotoren angetriebene Geräte – Funkstöreigenschaften – Grenzwerte und Messverfahren für den Schutz von an Bord befindlichen Empfängern (IEC/CISPR 25:2016 + COR1:2017); Deutsche Fassung EN 55025:2017 + AC: 2017	keine Prüfung von Ausnahme 1: Messung der Emissionen, die von einer Antenne am selben Fahrzeug empfangen werden. Ausnahme 2: Messung von Bauteilen und Modulen: Emission (Spannungs-methode) auf HV-Leitungen Ausnahme 3: Messung von Bauteilen und Modulen: Emission (Strommess-methode) auf HV-Leitungen

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EMV	MIL-STD-461E 1999-08-20	DEPARTMENT OF DEFENSE INTERFACE STANDARD REQUIREMENTS FOR THE CONTROL OF ELECTROMAGNETIC INTERFERENCE CHARACTERISTICS OF SUBSYSTEMS AND EQUIPMENT	RE101 only, refer to section 5.15 RE101, Radiated emissions, magnetic field, 30 Hz to 100 kHz.
EMV	MIL-STD-461F 2007-12-10	Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment. Test Method Radiated Emission, Magnetic Field	RE101 only, refer to section 5.16 RE101, Radiated emissions, magnetic field, 30 Hz to 100 kHz.
EMV	MIL-STD-461G 2015-12-11	Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment. Test Method Radiated Emission, Magnetic Field	RE101 only, refer to section 5.17 RE101, Radiated emissions, magnetic field.
EMV	ISO 7637-2 Second edition 2004-06-15	Road vehicles — Electrical disturbances from conduction and coupling — Part 2: Electrical transient conduction along supply lines only	
EMV	ISO 7637-2 Second edition 2004-06-15 Corrected version 2004-09-15	Road vehicles — Electrical disturbances from conduction and coupling — Part 2: Electrical transient conduction along supply lines only	
EMV	ISO 7637-2 Second edition 2004-06-15 Corrected version 2004-09-15 AMENDMENT 1 2008-02-01	Road vehicles — Electrical disturbances from conduction and coupling — Part 2: Electrical transient conduction along supply lines only	
EMV	ISO 7637-2 Third edition 2011-03-01	Road vehicles — Electrical disturbances from conduction and coupling — Part 2: Electrical transient conduction along supply lines only	

Fach-bereich	Norm / Hausverfahren / Version	Titel der Norm oder des Hausverfahrens	Prüfbereich / Einschränkung
EMV	ISO 7637-3 First Edition 15-07-1995	Road vehicles -- Electrical disturbances from conduction and coupling -- Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines	
EMV	ISO 7637-3:1995 Technical Corrigendum 1 Published 1995-11-15	Road vehicles -- Electrical disturbances from conduction and coupling -- Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines	
EMV	ISO 7637-3 Second edition 2007-07-01	Road vehicles -- Electrical disturbances from conduction and coupling -- Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines	
EMV	ISO 7637-3 Third edition 2016-07-01	Road vehicles -- Electrical disturbances from conduction and coupling -- Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines	
EMV	DIN EN 61000-4-2 VDE 0847-4-2: Dezember 2001 (EN 61000-4-2)	Elektromagnetische Verträglichkeit (EMV) - Teil 4-2: Prüf- und Messverfahren - Prüfung der Störfestigkeit gegen die Entladung statischer Elektrizität (IEC 61000-4-2:2001); Deutsche Fassung (EN 61000-4-2:1995 + A1:1998 + A2:2001)	
EMV	DIN EN 61000-4-2; VDE 0847-4-2:2009 (EN 61000-4-2)	Elektromagnetische Verträglichkeit (EMV) - Teil 4-2: Prüf- und Messverfahren - Prüfung der Störfestigkeit gegen die Entladung statischer Elektrizität (IEC 61000-4-2:2008); Deutsche Fassung EN 61000-4-2:2009	
EMV	IEC 61000-4-2 Edition 1 2001-04	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	
EMV	IEC 61000-4-2 Edition 2 2008-12	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	

Fach-bereich	Norm / Hausverfahren / Version	Titel der Norm oder des Hausverfahrens	Prüfbereich / Einschränkung
EMV	ISO 10605 First Edition 2001-12	Road vehicles – Test methods for electrical disturbances from electrostatic discharge	
EMV	ISO 10605 Second Edition 2008-07-15	Road vehicles – Test methods for electrical disturbances from electrostatic discharge	
EMV	ISO 10605 Second edition 2008-07-15 AMENDMENT 1 2014-04-15	Road vehicles – Test methods for electrical disturbances from electrostatic discharge	
EMV	ISO 10605:2008 TECHNICAL CORRIGENDUM 1 Published 2010-03-01	Road vehicles – Test methods for electrical disturbances from electrostatic discharge	
EMV	MIL-STD-461F 2007-12-10	Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment. Test radiated susceptibility, magnetic field,	RS101 only, Helmholtz Coil not in use, refer to section 5.19 RS101, radiated susceptibility, magnetic field, 30 Hz to 100 kHz.
EMV	MIL-STD-461G 2015-12-11	Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment. Test radiated susceptibility, magnetic field,	RS101 only, Helmholtz Coil not in use, refer to section 5.20 RS101, radiated susceptibility, magnetic field.
EMV	ISO 11452-8 First edition 2007-07-01	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy Part 8: Radiating loop method	Helmholtz Coil not in use
EMV	ISO 11452-8 Second edition 2015-06-01	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy Part 8: Radiating loop method	D.C. max. 3000 A/m with Helmholz Coil

Fach-bereich	Norm / Hausverfahren / Version	Titel der Norm oder des Hausverfahrens	Prüfbereich / Einschränkung
EMV	ISO 16750-2 Fourth Edition 2012-11	Road vehicles- Environmental conditions and testing for electrical and electronical equipment- Part2 Electrical loads loads	Test exceptions: No test of withstand voltage No test of Insulation resistance
EMV	ISO 11452-9 First edition 2012-05-15	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 9: Portable transmitters	

Verwendete Abkürzungen:

CISPR	Internationales Sonderkomitee für Funkstörungen
DIN	Deutsches Institut für Normung e.V.
EN	Europäische Norm
IEC	International Electrotechnical Commission
ISO	Internationale Organisation für Normung
MIL	United States Military Standard