

Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-PL-11060-01-02 according to DIN EN ISO/IEC 17025:2018

Valid from: 26.05.2023

Date of issue: 26.05.2023

This annex is a part of the accreditation certificate D-PL-11060-01-00.

Holder of partial accreditation certificate:

**DEKRA Automobil GmbH
DEKRA Automobil Test Center
Senftenberger Straße 30, 01998 Klettwitz**

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and confirm generally with the principles of DIN EN ISO 9001.

At the locations:

**Senftenberger Straße 30, 01998 Klettwitz (Hauptstandort)
Rungestraße 9-10, 24537 Neumünster**

This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at <https://www.dakks.de>.

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.

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Tests in the fields:

Tests in the test areas engine/pollutant emission, noise emission, steering and breaking system, wheels/tyres, strength tests/vehicle connecting devices, electrics/electronics, vision, passive safety, external safety, measuring and control devices

The test procedures are marked with the symbols listed below for the locations where they are carried out:

KL = Klettwitz

NE = Neumünster

Within the scope of accreditation marked with ^{xxx}, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates.

The testing laboratory maintains a current list of all testing procedures within the flexible scope of accreditation.

1. National Test Methods^{xxx}

Passive Safety

Burning Behavior

KL

DIN 75200
09-1980 Determination of burning behaviour of interior materials in
motor vehicles

2. Test Methods of Member States^{xxx}

Passive Safety

Occupant Protection in the Event of a Frontal Impact

NE

UN-R 33 Uniform provisions concerning the approval of vehicles with
SA 00 regard to the behavior of the structure of the impacted vehicle
06-2009 in a head-on collision

Occupant Protection in the Event of Rear Impact

NE

UN-R 32 Uniform provisions concerning the approval of vehicles with
ÄS 00 regard to the behavior of the structure of the impacted vehicle
06-2009 in a rear-end collision

3. Test Methods of Third Party Countries^{xxx}

Engine/Pollutant Emission

Emissions from Two-, Three- and Four-Wheeled Motor Vehicles, Mopeds, Agricultural or Forestry Tractors, Fuel and Electricity Consumption, Air Conditioning Systems **KL**

13 CCR 1900 ff 12-2018	Motor vehicles pollutions control devices
40 CFR 86, 1065, 1066 07-2018	Control of emissions from new and in use Highway vehicles and engines Part 1065 - engine testing procedures Part 1066 - vehicles testing procedures
GB 14621 10-2011	Limits and measurement methods for exhaust pollutants from motorcycles and mopeds under two-speed idle conditions
GB 14622 07-2016	Limits and measurement methods for the emissions of pollutants from motorcycles on the running mode
GB 18285 05-2018	Limits and measurement methods for emissions from gasoline vehicles under two-speed idle conditions and simple driving mode condition
GB 18352.5 01-2018	Limits and measurement methods for emissions from Light-Duty Vehicles
GB 18352.6 12-2016	Limits and measurement methods for emissions from Light-Duty Vehicles
GB 20998 07-2008	Limits and measurement methods for evaporative pollutants from motorcycles and mopeds
GOST-R 51206 12-2004	Pollutant contents in the air of passenger compartment and driver's cab
MOE-NOT.99-88 12-2013	Regulations for test procedure of manufactured motor vehicles
MOE-NOT 2018-245 12-2018	Regulations for Certification, Test Method and Procedure of Manufactured Motor Vehicles
TIS 2350-2551 01-2008	Industrial product standard - Motorcycles - Safety requirements - Engine emissions, level 6

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TIS 2915-2561 05-2019	Safety requirements for motorcycle : emission from enginelevel 7
GTR 15 05-2014	Worldwide harmonized Light vehicles Test Procedure

Determination of the Fuel Consumption

KL

GB 15744 07-2009	Limits and measurement methods of fuel consumption of motorcycles
GB 19233 01-2021	Measurement methods of fuel consumption for light-duty vehicles
GB 19753 06-2014	Test methods for energy consumption of light-duty hybrid electric vehicles
GB 19755 08-2017	Measurement methods for emissions from light-duty hybrid electric vehicles
GB/T 32694 10-2021	Plug-in hybrid electric passenger cars -- Specifications
GB/T 18386.1 05-2018	Test methods for energy consumption and range of electric vehicles -- Part 1: Light-duty vehicles
GB/T 24157 12-2017	Test methods of range and indication of charge for electric motorcycles and electric mopeds

Determination of the Engine Power

KL

GB/T 18488.2 09-2015	Drive motor system for electric vehicles – Part 2: Test methods <i>only Section 7</i>
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Noise Emission

Noise Level Measurement

KL

FMVSS 141 11-2012	Minimum Sound Requirements for Hybrid and Electric Vehicles
GB 1495 10-2002	Limits and measurement methods for noise emitted by accelerating motor vehicles

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GB 4569 07-2005	Limits and measurement methods of noise emitted by stationary motorcycles and mopeds
GB/T 14365 12-2017	Acoustics – Measurements of Sound Pressure Level Emitted by Stationary Road Vehicles
GB 15742 07-1997	Performance requirement and test methods of horn for motor vehicles
GB 16169 01-2005	Limit and measurement method of noise emitted by accelerating motorcycles and mopeds
GB/T 37153 12-2018	Acoustic vehicle alerting system of electric vehicles running at low speed
GOST-R 33555 04-2017	Motor vehicles internal noise, permissible levels and methods of tests

Audible Signal

KL

VSTD 9 Rev. 9-2 01-2019	Sound level of audible warning device - Installation requirements of audible warning device
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Steering and Braking System

Steering System Test

KL

GB 7278 09-2012	Safety specifications for power-driven vehicles Item 6
GB 17353 01-1999	Protective devices against unauthorised use for motorcycles and mopeds
GB 17675 01-2020	Steering systems of motor vehicles
GOST-R 52302 01-2006	Road vehicles – handling and stability
VSTD 47 Rev. 47-0 01-2008	Steering equipment

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Brake System Testing

KL

- GB 20073
01-2018 Performance and measurement method for braking of motorcycles and mopeds
- GB 21670
11-2016 Technical requirements and testing methods for passenger car braking systems
- VSTD 42
Rev. 42-4
01-2021 Dynamic Braking

Testing of Vehicle Systems Interacting with Braking Systems

KL

- VSTD 43
Rev. 43-2
01-2018 Anti-lock braking systems (ABS)
- VSTD 84
Rev. 84-0
01-2018 Brake assist systems (BAS)

Wheels/ Tires

Wheel covers

KL

- GB 7063
01-2012 The wheel guards of motor vehicles

Strength Tests/ Vehicle Coupling Devices

Coupling Devices, Load

KL

- VSTD 61
Rev. 61-0
07-2011 Installation of mechanical coupling device or component
- VSTD 62
Rev. 62-0
07-2011 Mechanical coupling device or component

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Electrics/ Electronics

Electric Vehicles

		KL
		NE
FMVSS 305 09-2008	Electric powered vehicles: Electrolyte spillage and electrical shock protection	NE
VSTD 64 Rev. 64-0 01-2014	Electric safety requirements for battery electric vehicles	KL
VSTD 65 Rev. 65-0 12-2014	Requirements for high temperature compression and electrical shock of electric motorcycle	KL
VSTD 85 Rev. 85-0 01-2018	Electronic stability control systems (ESC)	KL

Vision

Rear-View Mirrors of Two-, Three- and Four-Wheeled Motor Vehicles, including Devices for Indirect Vision **KL**

VSTD 27 Rev. 27-0 07-2006	Rear-view mirrors
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Mounting of Devices for Indirect Vision **KL**

VSTD 23 Rev. 23-1 01-2017	Installation requirements of rear-view mirrors
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Field of Vision of Drivers **KL**

GB 11562 07-2015	Motor vehicles – forward visibility for drivers – Requirements and Measurements methods
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Defrosting and Drying Equipment for Glazed Surfaces KL

GB 11555
03-2010 Motor vehicles-windshield demisting and defrosting systems-
performance requirements and test methods

Windshield Wiper, Testing of a Vehicle with regard to Windshield Wiper/ Washer KL

GB 15085
06-2014 Motor vehicles – windshield wipers and washer systems –
performance requirements and test methods

Safety Glass and Windshields in Two-, Three- and Four-Wheeled Motor Vehicles and Trailers KL

FMVSS 219
05-1999 Windshield Zone Intrusion

VSTD 25
Rev. 25-3
01-2019 Safety glass

Installation of Safety Glass and Windshields in Two-, Three- and Four-Wheeled Motor Vehicles and Trailers KL

FMVSS 212
03-1996 Windshield Mounting

Passive Safety

Tank for Liquid Fuel NE

FMVSS 301
04-2013 Fuel system integrity

Contran 463
07-1973 Fuel system integrity

VSTD 81
Rev. 81-0
04-2017 Specifications of a vehicle fuel system incorporating the
compressed hydrogen storage system

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Interior Equipment, Arrangement Actuating Device, Roof, Sunroof, Backrest and Rear Part of the Seat, Double Control Device in Motor Vehicles for Training of Applicants for a Driver's License *KL*

GB 11552
09-2009 The interior fittings of passenger car

Security Device Against Unauthorized Use *KL*

GB 15740
09-2006 Protective Devices Against Unauthorized Use of Motor Vehicles

Interior Equipment, Behavior of the Steering System in the Event of Accident Impacts *NE*

FMVSS 204
09-2008 Steering Control Rearward Displacement

GB 11557
01-2012 Stipulation protection drivers from being injured by motor vehicle steering mechanism

VSTD 44
Rev. 44-1
01-2011 Steering control system – protection of the driver against the steering mechanism in the event of impact

Interior, Seats, Resistance and their Anchorage; Headrests Motor Buses *KL*

GB 15083
02-2007 Strength requirement and test of automobile seats, their anchorages and any head restraints

VSTD 49
Rev. 49-1
01-2017 Seat

VSTD 50
Rev. 50-2
01-2021 Head restraint

FIA Standard 8862-2009
01-2019 Advanced racing seat

FIA Standard 8855-2021
12-2020 Competition seats

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Anchorage of Seat Belts KL

GB 14167 05-2013	Safety belt anchorages; ISOFIX anchorages systems and ISOFIX top tether
VSTD 48 Rev. 48-2 01-2016	Safety belt anchorage

Interior Equipment, Identification of Controls, Tell-Tales and Indicators KL

VSTD 24 Rev. 24-1 01-2017	Symbols on driver operated controls of motorcycle
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Burning Behavior KL

FMVSS 302 10-2020	Flammability of interior materials
CMVSS 302 12-2014	Flammability of interior materials
KMVSS Art. 95 07-2020	Flammability of interior materials
ISO 3795 10-1989	Road vehicles, and tractors and machinery for agriculture and forestry – Determination of burning behaviour of interior materials
VSTD 19 Rev. 19-1 01-2019	Flammability of the interior materials for motor vehicle
GB 8410 01-2006	Flammability of automotive interior materials

Door Latch and Hinges KL

VSTD 51 Rev. 51-2 01-2018	Door latches and retention components
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Occupant Protection in the Event of a Frontal Impact

**KL
NE**

FMVSS 208 11-2016	Occupant Crash Protection
ADR 69/00 04-2006	Full Frontal Impact Occupant Protection
ADR 73/00 11-2005	Offset Frontal Impact Occupant Protection
AIS-98/F 08-2008	Requirements for the protection of the occupants in the event of an offset frontal collision
CONTRAN 221 10-2007	Requirements with regard to occupant protection and fuel system integrity during impact of vehicles
Decree No. 720 12-2009	Occupant protection frontal impact
GB 11551 09-2014	Protection of the occupants in the event of a frontal collision for passenger car
GB 20913 04-2007	Protection of the occupants in the event of an off-set frontal collision for passenger car
VSTD 46 Rev. 46-3 01-2019	Protection of occupants – frontal collision

Occupant Protection in the Event of a Side Impact

NE

FMVSS 214 11-2012	Side Impact Protection
ADR 72/00 11-2005	Dynamic Side Impact Occupant Protection
ADR 85/00 12-2015	Pole Side Impact Performance
AIS 099/F 08-2008	Approval of vehicles with regard to the protection of the occupants in the event of a lateral collision
GB 20071 01-2006	The protection of the occupants in the event of a lateral collision

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Stands of Two-Wheeled Motor Vehicles

KL

- GB 7258
09-2017 Safety specifications for power-driven vehicles operating on roads
- VSTD 13
Rev. 13-0
01-2004 Stability and durability regarding motorcycles stands

Measuring and Control Devices

KL

Speedometer

- GB 15082
10-2008 Speed meters for motor vehicle
- VSTD 22
Rev. 22-1
01-2018 Speedometer

Other

Mounting Test

KL

- GB 15741
08-2017 The Licence Plate Board (Bracket) and its Position on Motor Vehicles and Trailer

Masses and Dimensions

KL

- GB 1589
01-2017 Limits of dimensions, axle load and masses for road vehicles
- GB 7258
01-2018 Safety specifications for power-driven vehicles operation on roads

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Abbreviations used:

ADR	Australian Design Rule (Australia)
AIS	Automotive Industry Standard (India)
CCR	California Code of Regulations
CFR	Code of Federal Regulations
CONTRAN	Conselho Nacional de Trânsito (Brazil Vehicle Homologation)
FIA	Fédération Internationale de l'Automobile
FMVSS	Federal Motor Vehicle Safety Standard
GB	Guobiao (chinesisch für „Nationaler Standard“)
GOST	Gossudarstwenny Standart
GTR	Global Technical Regulations (United Nations)
IWA	International Workshop Agreement
MASH	Manual for Assessing Safety Hardware
MOE	Ministry of the Environment
PAS	Public Available Specification
TIS	Thai Industrial Standard
UN	United Nations
VSTD	Vehicle Safety Testing Directions (Taiwan)

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