

Deutsche Akkreditierungsstelle

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

Valid from: 08.08.2022

Date of issue: 08.08.2022

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 minimal requirements of DIN EN ISO/IEC 17025:2018 and, if applicable, additional legal and normative requirements, including those in relevant sectoral schemes, in order to carry out the conformity assessment activities listed 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>.

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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.

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1. Test Methods of Member States^{XXX}

Passive Safety

Occupant Protection in the Event of a Frontal Impact

UN-R 33
SA 00
06-2009

Uniform provisions concerning the approval of vehicles with regard to the behavior of the structure of the impacted vehicle in a head-on collision

NE

Occupant Protection in the Event of Rear Impact

UN-R 32
ÄS 00
06-2009

Uniform provisions concerning the approval of vehicles with regard to the behavior of the structure of the impacted vehicle in a rear-end collision

NE

2. 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

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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
TIS 2915-2561 05-2019	Safety requirements for motorcycle : emission from engine level 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

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Noise Emission

Noise Level Measurement

GB 4569 07-2005	Limits and measurement methods of noise emitted by stationary motorcycles and mopeds	KL
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	

Audible Signal

VSTD 9 Rev. 9-2 01-2019	Sound level of audible warning device - Installation requirements of audible warning device	KL
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Measurement of the Noise Level at Ear Height of the Driver of Agricultural or Forestry Tractors

GOST-R 33555 04-2017	Motor vehicles internal noise, permissible levels and methods of tests	KL
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Steering and Braking System

Steering System Test

GB 7278 09-2012	Safety specifications for power-driven vehicles Item 6	KL
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	

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VSTD 47
Rev. 47-0
01-2008
Steering equipment

Brake System Testing

GB 20073
01-2018
Performance and measurement method for braking of motorcycles and mopeds **KL**

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

VSTD 43
Rev. 43-2
01-2018
Anti-lock braking systems (ABS) **KL**

VSTD 84
Rev. 84-0
01-2018
Brake assist systems (BAS)

Wheels/ Tires

Wheel covers

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

Strength Tests/ Vehicle Coupling Devices

Coupling Devices, Load

VSTD 61
Rev. 61-0
07-2011
Installation of mechanical coupling device or component **KL**

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VSTD 62
Rev. 62-0
07-2011
Mechanical coupling device or component

Electrics/ Electronics

Electric Vehicles

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

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

Mounting of Devices for Indirect Vision

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

Field of Vision of Drivers

KL

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GB 11562
07-2015 Motor vehicles – forward visibility for drivers – Requirements and Measurements methods

Defrosting and Drying Equipment for Glazed Surfaces

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

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

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

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

FMVSS 301
04-2013 Fuel system integrity **NE**

Contran 463
07-1973 Fuel system integrity

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VSTD 81
Rev. 81-0
04-2017

Specifications of a vehicle fuel system incorporating the compressed hydrogen storage system

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

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

Anchorage of Seat Belts

GB 14167
05-2013

Safety belt anchorages; ISOFIX anchorages systems and ISOFIX top tether

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VSTD 48
Rev. 48-2
01-2016
Safety belt anchorage

FIA Standard 8862-2009
01-2019
Advanced racing seat

FIA Standard 8855-1999
01-2019
Competition seats

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

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

Burning Behavior

FMVSS 302
10-2011
Flammability of interior materials **KL**

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

VSTD 51
Rev. 51-2
01-2018
Door latches and retention components **KL**

Occupant Protection in the Event of a Frontal Impact

FMVSS 201
02-2017
Occupant Protection in Interior Impact; Upper Interior Head Impact Protection **KL**
NE

FMVSS 208
11-2016
Occupant Crash Protection

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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

FMVSS 214 11-2012	Side Impact Protection	NE
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	
VSTD 45 Rev. 45-2 01-2017	Protection of occupants – lateral collision	

Occupant Protection in the Event of Rear Impact

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<p>AIS-101 04-2017</p> <p>GB 20072 07-2006</p> <p>VSTD 86 Rev. 86-0 01-2023</p>	<p>Requirements for the protection of fuel system in the event of rear impact of a motor vehicle</p> <p>Requirements of fuel system safety in the event of rear-end collision for passenger car</p> <p>Rear end collision tank</p>
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Pedestrian Protection, Frontal Protection Systems

<p>RCAR 07-2017</p>	<p>Insurance Rating Protocol Version 2.1 – 2017 – Bumper Test Protocol Version 3.3 – 2018 – Lowspeed Structural Crash Test</p>	<p>NE</p>
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External Safety

Protruding Outer Edges

<p>GB 11566 09-2009</p> <p>GB 20182 04-2006</p>	<p>External projections of passenger car</p> <p>The cab of commercial vehicles – external projections</p>	<p>KL</p>
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Attachments and Body Parts in Relation to Lighting Equipment

<p>GB 4785 07-2020</p> <p>VSTD 3 Rev. 3-4 01-2017</p>	<p>Prescription for installation of the external lighting and light-signalling devices for motor vehicles and their trailers</p> <p>Inspection requirement of motor vehicle lamps and marks</p>	<p>KL</p>
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Stands of Two-Wheeled Motor Vehicles

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

GB 15741
08-2017

The Licence Plate Board (Bracket) and its Position on Motor Vehicles and Trailer

KL

Masses and Dimensions

GB 1589
01-2017

Limits of dimensions, axle load and masses for road vehicles

KL

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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