Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-15088-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: **22.07.2022**

Date of issue: 22.07.2022

Holder of certificate:

Ford-Werke GmbH
Entwicklungszentrum Merkenich Technical Centre
Safety Lab & Crash Test Center
Spessartstraße - Tor 54, 50725 Köln

Tests in the fields:

Dynamic crash tests on motor vehicles and their components to investigate body behavior and occupant protection, the safety of steering systems, fire protection and the resistance of fuel systems and electrical energy storage systems in the event of accident impacts, as well as the evaluation of impact protection in the passenger compartment;
Quasi-static safety tests on motor vehicles and their components to investigate the resistance of restraint system anchorages in the event of an impact;
Dynamic sled tests to assess the resistance of occupant protection system components and the strength of bodywork, seats and head restraints in the event of accident impacts

Within the given testing field, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, the free choice of standard or equivalent testing methods.

The listed testing methods are exemplary. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

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 can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at https://www.dakks.de/en/accredited-bodies-search.html.

Abbreviations used: see last page

1. Dynamic crash tests on motor vehicles and their components to investigate body behavior and occupant protection, the safety of steering systems, fire protection and the resistance of fuel systems and electrical energy storage systems in the event of accident impacts, as well as the evaluation of impact protection in the passenger compartment

UN-R 12 SA 04 2018-07	Uniform provisions concerning the approval of vehicles with regard to the protection of the driver against the steering mechanism in the event of impact
UN-R 32 SA 00 2014-03	Uniform provisions concerning the approval of vehicles with regard to the behavior of the structure of the impacted vehicle in a rear-end collision
UN-R 34 SA 03 2019-05	Uniform provisions concerning the approval of vehicles with regard to the prevention of fire risks *(without Annex 5)*
UN-R 94 SA 04 2021-06	Uniform provisions concerning the approval of vehicles with regard to the protection of the occupants in the event of a frontal collision
UN-R 95 SA 05 2021-06	Uniform provisions concerning the approval of vehicles with regard to the protection of the occupants in the event of a lateral collision
UN-R 100 SA 03 2021-06	Uniform provisions concerning the approval of vehicles with regard to specific requirements for the electric power train *(without Annex 7, Annex 8 only Section C)*
UN-R 135 SA 01 2020-05	Uniform provisions concerning the approval of vehicles with regard to their Pole Side Impact performance (PSI)
UN-R 137 SA 02 2021-06	Uniform provisions concerning the approval of passenger cars in the event of a frontal collision with focus on the restraint system
49 CFR 571.208 FMVSS 208 F.R. Vol. 78 No. 227 2013-11	Occupant crash protection
49 CFR 571.212 FMVSS 212 F.R. Vol. 49 No. 14 1995-03	Windshield mounting

49 CFR 571.214 FMVSS 214 F.R. Vol. 85 No.249 2020-12	Side impact protection
49 CFR 571.219 FMVSS 219 F.R. Vol. 63 No.101 1998-05	Windshield zone intrusion
49 CFR 571.301 FMVSS 301 F.R. Vol. 78 No. 71 2013-04	Fuel system integrity

2. Quasi-static safety tests on motor vehicles and their components to investigate the resistance of restraint system anchorages in the event of an impact

UN-R 14 SA 09 2018-12	Uniform provisions concerning the approval of vehicles with regard to safety-belt anchorages
49 CFR 571.210 FMVSS 210 F.R. Vol. 78 No.221 2013-11	Seat belt assembly anchorages
49 CFR 571.225 FMVSS 225 F.R. Vol. 77 No. 4 2012-01	Child restraint anchorage systems

3. Dynamic sled tests to assess the resistance of occupant protection system components and the strength of bodywork, seats and head restraints in the event of accident impacts

UN-R 17 SA 09 2020-01	Uniform provisions concerning the approval of vehicles with regard to the seats, their anchorages and any head restraints *(Annex 9)*
UN-R 21 SA 01 2020-05	Uniform provisions concerning the approval of vehicles with regard to their interior fittings *(Annex 8)*
UN-R 144 SA 00 2020-09	Uniform provisions concerning the Accident Emergency Call Systems (AECS) *(Annex 9)*
(EU) 2017/79 Annex I 2016-09	Commission Delegated Regulation (EU) 2017/79 of 12 September 2016 establishing detailed technical requirements and test procedures for the EC type-approval of motor vehicles with respect to their 112-based eCall in-vehicles systems, of 112-based eCall in-vehicle separate technical units and components and supplementing and amending Regulation (EU) 2015/758 of the European Parliament and of the Council with regard to the exemptions and applicable standard *(Annex I)*
BS EN 1798:2020 2020-09	Medical vehicles and their equipment - Road ambulances *(Chapter 5.3)*

Abbreviations used:

UN	United Nations
CFR	Code of Federal Regulations
EN	European Standard
EU	European Union
FMVSS	Federal Motor Vehicle Safety standard
SA	Series of Amendments