

## Deutsche Akkreditierungsstelle

### Annex to the Partial Accreditation Certificate D-PL-11109-01-03 according to DIN EN ISO/IEC 17025:2018

**Valid from:** 24.10.2023

**Date of issue:** 24.10.2023

This annex is a part of the accreditation certificate D-PL-11109-01-00.

Holder of partial accreditation certificate:

**TÜV NORD Mobilität GmbH & Co. KG**  
**IFM - Institut für Fahrzeugtechnik und Mobilität**

At the loations:

**Schönscheidtstraße 28, 45307 Essen**

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.

*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:

**Test methods for demonstrating the durability of wheels in accordance with international regulations and vehicle manufacturers' specifications; test methods for materials testing of metallic materials**

**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 (AK-LH-Procedures are excluded). The testing laboratory maintains a current list of all testing procedures within the flexible scope of accreditation.**

**1 Test methods for demonstrating the durability**

AK-LH 08 2008-11	Wheels – Requirements and tests (4.42 Radial impact test)
ABNT NBR 6750 2013-04	Automobile wheels - Resistance and durability test Rodas para automóveis - Verificação da durabilidade e resistência
ABNT NBR 6752 2020-04	Aluminum alloy wheels for passenger cars, light trucks and SUVs - Performance verification testing Rodas de liga de alumínio para automóveis comerciais leves e utilitários esportivos - Ensaio de verificação de desempenho

**2 Strength tests**

DIN EN ISO 6892-1 2020-06	Metallic materials - Tensile testing - Part 1: Method of test at ambient temperature (method A)
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**3 Hardness tests**

DIN EN ISO 6506-1 2015-02	Metallic materials - Brinell hardness test - Part 1: Test method (Verfahren HBW 2,5/62,5 and HBW 5/250)
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**Abbreviations used:**

ABNT	Technical Standard in Brazil, Associacao Brasileira de Normas Tecnicas
AK	Working Group
DIN	German Institute for Standardization
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization

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