

Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-K-15152-01-02 according to DIN EN ISO/IEC 17025:2018

Valid from: 26.02.2024

Date of issue: 26.02.2024

This annex is a part of the accreditation certificate D-K-15152-01-00.

Holder of partial accreditation certificate:

DSM Messtechnik GmbH
Dieselstraße 16, 73431 Aalen

with the location

DSM Messtechnik GmbH
Dieselstraße 16, 73431 Aalen

The calibration laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The calibration 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 calibration laboratories and they conform to the principles of DIN EN ISO 9001.

Calibration in the fields:

Mechanical quantities

- **Torque**

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.

Annex to the Partial Accreditation Certificate D-K-15152-01-02

Permanent Laboratory

Calibration and Measurement Capabilities (CMC)

Measurement quantity / Calibration item	Range	Measurement conditions / procedure	Expanded uncertainty of measurement	Remarks
Torque Torque measuring systems Torque sensors	0.05 N·m bis < 1 N·m	DIN 51309: 2022	$2 \cdot 10^{-3}$	calibration of torque measuring chains of class $\geq 0,5$
	1 N·m bis 1000 N·m		$1 \cdot 10^{-3}$	
Torque wrench calibration devices	1 N·m bis 1200 N·m	DKD-R 10-8:2020	$2 \cdot 10^{-3}$	with torque transfer wrench

Abbreviations used:

- CMC Calibration and measurement capabilities
 DIN Deutsches Institut für Normung e.V. – German institute for standardization
 DKD-R Guideline of Deutscher Kalibrierdienst (DKD), published by Physikalisch-Technische Bundesanstalt

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