

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-K-19792-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 19.10.2021

Date of issue 19.10.2021

Holder of certificate:

ATESTEO GmbH & Co. KG
ATESTEO Kalibrierlabor
Konrad-Zuse-Straße 3, 52477 Alsdorf

Calibration in the fields:

Mechanical quantities

- Torque

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of calibration 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 may be found respectively in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH <https://www.dakks.de/en/content/accredited-bodies-dakks>.*

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 accreditation certificate D-K-19792-01-00

Permanent Laboratory

Calibration and Measurement Capabilities (CMC)

| Measurement quantity / Calibration item | Range | Measurement conditions / procedure | Expanded uncertainty of measurement ¹⁾ | Remarks |
|---|--------------------|--------------------------------------|---|------------------------------|
| Torque Torque measuring devices | 0.2 N·m to 20 kN·m | DIN 51309: 2005 VDI/VDE 2646:2019 | 0.02 % | Based on reference principle |

Abbreviations used:

| | |
|-----|---|
| CMC | Calibration and measurement capabilities (Kalibrier- und Messmöglichkeiten) |
| DIN | Deutsches Institut für Normung e.V. |
| VDE | Verband der Elektrotechnik, Elektronik und Informationstechnik e.V. |
| VDI | Verein Deutscher Ingenieure e.V. |

¹⁾ The expanded uncertainties according to EA-4/02 M:2013 are part of CMC and are the best measurement uncertainties within accreditation. They have a coverage probability of approximately 95 % and have a coverage factor of $k = 2$ unless stated otherwise. Uncertainties without unit are relative uncertainties referring to the measurement value unless stated otherwise.