

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-K-21981-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 29.08.2023

Date of issue: 29.08.2023

Holder of accreditation certificate:

8tree GmbH
8tree Calibration Lab
Oberlohnstraße 3, 78467 Konstanz

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 general with the principles of DIN EN ISO 9001.

Calibration in the fields:

Dimensional quantities

Coordinate measuring technology

- **Application coordinate measuring machines ^{a)}**

^{a)} **also as on-site calibration**

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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Permanent Laboratory

Calibration and Measurement Capabilities (CMC)

Measurement quantity / Calibration item	Range	Measurement conditions / procedure	Expanded measurement of uncertainty ¹	Remarks
8tree Scanner / Lateral dimension of indentations and protrusions	0 mm to 100 mm	AA213 R4 (2023-07)	0.84 mm	Referring to plane surfaces
Depth dimension/ height dimension indentations and protrusions	0 mm to 5 mm	AA213 R4 (2023-07)	0.033 mm	
Depth dimension/ height dimension of rivet flushness	0 mm to 1 mm	AA213 R4 (2023-07)	0.012 mm	

On-site Calibration

Calibration and Measurement Capabilities (CMC)

Measurement quantity / Calibration item	Range	Measurement conditions / procedure	Expanded measurement of uncertainty ¹	Remarks
8tree Scanner / Lateral dimension of indentations and protrusions	0 mm to 100 mm	AA213 R4 (2023-07)	0.84 mm	Referring to plane surfaces
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Depth dimension/ height dimension of rivet flushness	0 mm to 1 mm	AA213 R4 (2023-07)	0.012 mm	

Verwendete Abkürzungen:

CMC	Calibration and measurement capabilities (Kalibrier- und Messmöglichkeiten)
DIN	Deutsches Institut für Normung e.V.
AA213	Calibration manual of 8tree GmbH

¹ Unless otherwise specified, the unit of a variable corresponds to the unit of the measuring range.