

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-PL-21460-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 22.06.2023

Date of issue: 11.10.2023

Holder of accreditation certificate:

EC-works GmbH
Celler Straße 51, 29308 Winsen/Aller

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.

Manual non-destructive test methods (Eddy current and Ultrasonic testing)

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>.

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1 Non-destructive testing

1.1 Eddy current testing

DIN 25435-6 2021-05	In-service inspections for primary coolant circuit components of light water reactors - Part 6: Eddy current testing of steam generator heating tubes
DIN EN 1971-1 2020-02	Copper and copper alloys - Eddy current test for measuring defects on seamless round copper and copper alloy tubes - Part 1: Test with an encircling test coil on the outer surface
DIN EN 1971-2 2020-02	Copper and copper alloys - Eddy current test for measuring defects on seamless round copper and copper alloy tubes - Part 2: Test with an internal probe on the inner surface
DIN EN ISO 10893-1 2020-10	Non-destructive testing of steel tubes - Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic leaktightness
DIN EN ISO 10893-2 2020-10	Non-destructive testing of steel tubes - Part 2: Automated eddy current testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of imperfections
DIN EN ISO 15549 2019-10	Non-destructive testing - Eddy current testing - General principles (here: <i>Chapter 12</i>)
DIN EN ISO 17643 2015-12	Non-destructive testing of welds - Eddy current examination of welds by complex plane analysis (here: <i>Chapter 6.5.3 and 6.7</i>)

1.2 Ultrasonic testing

DIN EN ISO 16809 2020-02	Non-destructive testing - Ultrasonic thickness measurement
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Abbreviations used:

DIN	Deutsches Institut für Normung e.V. – German institute for standardization
EN	Europäische Norm – European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation