Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-PL-19997-01-01 according to DIN EN ISO/IEC 17025:2018

Valid from: **20.08.2025**

Date of issue: 20.08.2025

Holder of accreditation certificate:

EWIS GmbH
Auestraße 39, 67346 Speyer

with the locations

EWIS GmbH
Industriestraße 89, 90537 Feucht

EWIS GmbH
An der Dampfmühle 5, 52391 Vettweiß

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 they conform to the principles of DIN EN ISO 9001.

manual non-destructive testing (radiographic -, ultrasonic-, magnetic-, penetrant- and visual testing) in the fields of metal manufacturing and metal processing Industry as well as in installation engineering and industrial plant engineering and construction

Flexible Scope of Accreditation:
The testing laboratory is permitted to use standardised or equivalent test methods listed here with different issue dates without being required to prior inform and obtain approval from DAkkS (flexibilization according to category A).
The testing laboratory has an up-to-date list of all test methods within the flexible scope of accreditation.
The list is publicly available on the website of the testing laboratory.

The procedures are indicated with the following symbols of the locations where they are carried out:

F = Feucht V = Vettweiß

1 Manual Non-destructive testing [Flex A] F, V

1.1 Radiographic testing (RT)

DIN EN ISO 5579 2014-04	Non-destructive testing - Radiographic testing of metallic materials using film and X- or gamma rays - Basic rules
DIN EN ISO 17636-1 2022-10	Non-destructive testing of welds - Radiographic testing - Part 1: X- and gamma-ray techniques with film
DIN EN ISO 17636-2 2023-05	Non-destructive testing of welds - Radiographic testing - Part 2: X- and gamma-ray techniques with digital detectors
DIN EN 12681-1 2018-02	Founding - Radiographic testing - Part 1: Film techniques (here*: only at the location F*)
DIN EN ISO 16371-2 2019-04	Non-destructive testing - Industrial computed radiography with storage phosphor imaging plates - Part 2: General principles for testing of metallic materials using X-rays and gamma rays

1.2 Ultrasonic testing (UT)

DIN EN ISO 10893-8 2020-10	Non-destructive testing of steel tubes - Part 8: Automated ultrasonic testing of seamless and welded steel tubes for the detection of laminar imperfections

DIN EN ISO 10893-10 2020-10	Non-destructive testing of steel tubes - Part 10: Automated full peripheral ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of longitudinal and/or transverse imperfections
DIN EN ISO 17640 2019-02	Non-destructive testing of welds - Ultrasonic testing - Techniques, testing levels, and assessment
DIN EN 10160 1999-09	Ultrasonic testing of steel flat product of thickness equal to or greater than 6 mm (reflection method)
DIN EN 10228-3 2016-10	Non-destructive testing of steel forgings - Part 3: Ultrasonic testing of ferritic or martensitic steel forgings
DIN EN 10228-4 2016-10	Non-destructive testing of steel forgings - Part 4: Ultrasonic testing of austenitic and austenitic-ferritic stainless steel forgings
DIN EN 10307 2002-03	Non-destructive testing - Ultrasonic testing of austenitic and austenitic-ferritic stainless steels flat products of thickness equal to or greater than 6 mm (reflection method)
DIN EN 10308 2002-03	Non-destructive testing - Ultrasonic testing of steel bars
DIN EN 12680-1 2003-06	Founding - Ultrasonic examination - Part 1: Steel castings for general purposes
DIN EN 12680-2 2003-06	Founding - Ultrasonic examination - Part 2: Steel castings for highly stressed components
DIN EN 12680-3 2012-02	Founding - Ultrasonic testing - Part 3: Spheroidal graphite cast iron castings
ISO 16809 2020-02	Non-destructive testing - Ultrasonic thickness measurement
DIN EN ISO 13588 2019-07	Non-destructive testing of welds - Ultrasonic testing - Use of automated phased array technology
AD 2000-Merkblatt HP 5/3 Anlage 1 2025-01	Manufacture and testing of pressure vessels - Non-destructive testing of welded joints - Minimum requirements for non-destructive testing methods

1.3 Magnetic testing (MT)

DIN EN ISO 9934-1 2017-03	Non-destructive testing - Magnetic particle testing - Part 1: General principles
DIN EN ISO 17638 2017-03	Non-destructive testing of welds - Magnetic particle testing
DIN EN 1369 2013-01	Founding - Magnetic particle testing
DIN EN 10228-1 2016-10	Non-destructive testing of steel forgings - Part 1: Magnetic particle inspection

1.4 Penetrant testing (PT)

DIN EN ISO 3452-1 2022-02	Non-destructive testing - Penetrant testing - Part 1: General principles
DIN EN 1371-1 2012-02	Founding - Liquid penetrant testing - Part 1: Sand, gravity die and low pressure die castings
DIN EN 1371-2 2015-04	Founding - Liquid penetrant testing - Part 2: Investment castings
DIN EN 10228-2 2016-10	Non-destructive testing of steel forgings - Part 2: Penetrant testing

1.5 Visual testing (VT)

DIN EN 13018 2016-06	Non-destructive testing - Visual testing - General principles
DIN EN ISO 17637 2017-04	Non-destructive testing of welds - Visual testing of fusion-welded joints

1.6 Other normative NDT documents with more than one method (here for RT, UT, MT, PT, VT)

AD 2000-Merkblatt HP 5/3 Anlage 1 2020-12	Manufacture and testing of pressure vessels - Manufacture and testing of joints - Non-destructive testing of welded joints
ASME BPVC V Ed. 2023	ASME Boiler and Pressure Vessel Code

Abbreviations used:

AD HP	Arbeitsgemeinschaft Druckbehälter - Herstellung und Prüfung von Druckbehältern
ASME	American Society for Mechanical Engineers
DIN	Deutsches Institut für Normung e.V. – German institute for standardization
EN	Europäische Norm – European Standard
IEC	International Electrotechnical Commission - Internationale Elektrotechnische Kommission
ISO	International Organization for Standardization - Internationale Organisation für Normung