

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-11317-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 20.11.2020

Date of issue: 07.09.2021

Holder of certificate:

**Ilseburger Grobblech GmbH
Prüflabor Qualitätssicherung / Abnahme
Veckenstedter Weg 10, 38871 Ilseburg**

Tests in the fields:

**mechanical-technological tests (tensile test, impact test, hardness test, bending-folding test);
ultrasonic testing of steel flat products**

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

The management system requirements in DIN EN ISO/IEC 17025 are written in language relevant to operations of testing laboratories and operate generally in accordance with the principles of DIN EN ISO 9001.

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.
<https://www.dakks.de/en/content/accredited-bodies-dakks>*

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1 Mechanical-technological testing

ASTM E 8/E8M-16ae1 2016	Standard Test Methods for Tension Testing of Metallic Materials
ASTM E 10-18 2018	Standard Test Methods for Brinell Hardness of Metallic Materials
ASTM E 21-17E1 2017	Standard Test Methods for Elevated Temperature Tension Tests of Metallic Materials
ASTM E 18-19 2019	Standard Test Methods for Rockwell Hardness of Metallic Materials
ASTM E 23-18 2018	Standard Test Methods for Notched Bar Impact Testing of Metallic Materials
ASTM E 92-17 2017	Standard Test Methods for Vickers Hardness and Knoop Hardness of Metallic Materials (here: <i>Vicker Hardness only</i>)
ASTM E 208-19 2019	Standard Test Method for Conducting Drop-Weight Test to Determine Nil-Ductility Transition Temperature of Ferritic Steels
ASTM E 290-14 2014	Standard Test Methods for Bend Testing of Material for Ductility
DIN EN ISO 148-1 2017-05	Metallic materials - Charpy pendulum impact test - Part 1: Test method
DIN EN ISO 6506-1 2015-02	Metallic materials - Brinell hardness test - Part 1: Test method
DIN EN ISO 6507-1 2018-07	Metallic materials - Vickers hardness test - Part 1: Test method
DIN EN ISO 6508-1 2016-12	Metallic materials - Rockwell hardness test - Part 1: Test method
DIN EN ISO 6892-1 2017-02	Metallic materials - Tensile testing - Part 1: Method of test at room temperature (here: <i>Method A/B</i>)

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DIN EN ISO 6892-2 2018-09	Metallic materials - Tensile testing - Part 2: Method of test at elevated temperature (here: <i>Method B</i>)
DIN EN ISO 7438 2016-07	Metallic materials - Bend test
SEP 1325 1982-12	Falling weight test according to W. S. Pellini

2 Ultrasonic testing

DIN EN 10160 1999-09	Ultrasonic testing of steel flat product of thickness equal to or greater than 6 mm (reflection method);
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abbreviations used:

ASTM	American Society for Testing and Materials
DIN	German Institute for Standardization
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
SEP	Steel-iron test sheets from the Association of German Ironworkers