

# Deutsche Akkreditierungsstelle GmbH

## Annex to the Accreditation Certificate D-PL-11317-01-00 according to DIN EN ISO/IEC 17025:2005

Period of validity: 18.10.2016 to 17.10.2021

Date of issue: 18.10.2016

Holder of certificate:

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

Tests in the fields:

**mechanical and technological materials testing (tensile test, impact test, hardness test, bending-folding test); ultrasound test of flat products of steel**

Abbreviations used: see last page

**The laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standard test methods listed here with different issue dates or revision status updates.**

**The testing laboratory maintains a current list of all test methods within the flexible scope of accreditation.**

### **1 Mechanical and technical material testing**

DIN EN ISO 148-1 2011-01	Metallic materials - Charpy impact test on metallic materials - 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 2006-03	Metallic materials - Vickers hardness test - Part 1: Test method

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DIN EN ISO 6508-1 2015-06	Metallic materials - Rockwell hardness test - Part 1: Test method (Scales A, B, C, D, E, F, G, H, K, N, T)
DIN EN ISO 6892-1 2009-12	Metallic materials - Tensile testing - Part 1: Method of testing at ambient temperature (here: <i>Procedure A/B</i> )
DIN EN ISO 6892-2 2011-05	Tensile testing of metallic materials - Part 2: Method of testing at elevated temperature (here: <i>Procedure B</i> )
DIN EN ISO 7438 2012-03	Metallic materials - Bend test
DIN EN 10002-1 2001-12	Metallic materials - Tensile testing - Part 1: Method of testing at ambient temperature ( <i>withdrawn standard</i> )
DIN EN 10002-5 1992-02	Tensile testing of metallic materials - Part 5: Method of testing at elevated temperature ( <i>withdrawn standard</i> )
DIN EN 10045-1 1991-04	Charpy impact test on metallic materials - Part 1: Test method ( <i>withdrawn standard</i> )
SEP 1325 1982-12	Falling weight test according to W. S. Pellini
ASTM E 8/E 8Ma 2015	Standard Test Methods for Tension Testing of Metallic Materials
ASTM E 10 2015	Standard Test Methods for Brinell Hardness of Metallic Materials
ASTM E 21 2009	Standard Test Methods for Elevated Temperature Tension Tests of Metallic Materials
ASTM E 18 2015	Standard Test Methods for Rockwell Hardness of Metallic Mate- rials

ASTM E 23c 2012	Standard Test Methods for Notched Bar Impact Testing of Metallic Materials ( <i>withdrawn standard</i> )
ASTM E 92 1982 (reapproved 2003)	Standard Test Methods for Vickers Hardness of Metallic Materials
ASTM E 208 2006 (reapproved 2012)	Standard Test Methods for Conducting Drop-Weight Test to Determine Nil-Ductility Transition Temperature of Ferritic Steels
ASTM E 290 2014	Standard Test Methods for Bend Testing of Material for Ductility

## **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	Deutsches Institut für Normung e. V.
EN	Europäische Norm
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
SEP	Stahl-Eisen-Prüfblätter vom Verein Deutscher Eisenhüttenleute