

# Accreditation



The Deutsche Akkreditierungsstelle attests with this **Partial Accreditation Certificate**, that the testing laboratory

## **IMA Materialforschung und Anwendungstechnik GmbH Wilhelmine-Reichard-Ring 4, 01109 Dresden**

meets the minimum requirements according to DIN EN ISO/IEC 17025:2018 for the conformity assessment activities listed in the annex to this certificate. This includes additional existing legal and normative requirements, including those in relevant sectoral schemes.

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.

This accreditation was issued in accordance with Art. 5 Para. 1 Sentence 2 of Regulation (EC) 765/2008, after an accreditation procedure was carried out in compliance with the minimum requirements of DIN EN ISO/IEC 17011 and on the basis of a review and decision of the appointed accreditation committees.

This partial accreditation certificate only applies in connection with the notices of 28.11.2022 with accreditation number D-PL-13119-02.


It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 4 pages.

Registration number of the partial accreditation certificate: **D-PL-13119-02-02**  
It is a part of the accreditation certificate D-PL-13119-02-00.

Berlin, 28.11.2022

Ralf Egner  
Head of Department

Translation issued:  
05.12.2022



Ralf Egner  
Head of Department

*The certificate together with the annex 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 ([www.dakks.de](http://www.dakks.de)).*

# Deutsche Akkreditierungsstelle GmbH

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60327 Frankfurt am Main

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38116 Braunschweig

The Deutsche Akkreditierungsstelle GmbH (DAkKS) is the entrusted national accreditation body of the Federal Republic of Germany according to § 8 section 1 AkkStelleG in conjunction with § 1 section 1 AkkStelleGBV. DAkKS is designated as the national accreditation authority by Germany according to Art. 4 Para. 4 of Regulation (EC) 765/2008 and clause 4.7 of DIN EN ISO/IEC 17000.

Pursuant to Art. 11 section 2 of Regulation (EC) 765/2008, the accreditation certificate shall be recognised as equivalent by the national authorities within the scope of this Regulation as well as by the WTO member states that have committed themselves in bilateral or multilateral mutual agreements to recognise the certificates of accreditation bodies that are members of ILAC or IAF as equivalent.

DAkKS is a signatory to the multilateral agreements for mutual recognition of the European co-operation for Accreditation (EA), International Accreditation Forum (IAF) and International Laboratory Accreditation Co-operation (ILAC).

The up-to-date state of membership can be retrieved from the following websites:

EA: [www.european-accreditation.org](http://www.european-accreditation.org)

ILAC: [www.ilac.org](http://www.ilac.org)

IAF: [www.iaf.nu](http://www.iaf.nu)

## Deutsche Akkreditierungsstelle

### Annex to the Partial Accreditation Certificate D-PL-13119-02-02 according to DIN EN ISO/IEC 17025:2018

**Valid from:** 28.11.2022

**Date of issue:** 05.12.2022

This annex is a part of the accreditation certificate D-PL-13119-02-00.

Holder of partial accreditation certificate:

**IMA Materialforschung und Anwendungstechnik GmbH  
Wilhelmine-Reichard-Ring 4, 01109 Dresden**

at the locations

**Wilhelmine-Reichard-Ring 4, 01109 Dresden  
Am Lagerplatz 4, 01099 Dresden**

The testing laboratory meets the minimal requirements of DIN EN ISO/IEC 17025:2018 and, if applicable, additional legal and normative requirements, including those in relevant sectoral schemes, in order to carry out the conformity assessment activities listed 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 tests (ultrasonic, visual, magnetic particle and penetrant testing) as well as mechanical ultrasonic testing of metallic and fibre reinforced materials and plastic as well as composite materials**

**Within the given testing field marked with \*\*\*, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, the free choice of standard or equivalent testing methods with different issue dates.**

*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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The test methods are indicated with the following abbreviations for locations, in which they are performed respectively:

D1 = Wilhelmine-Reichard-Ring 4, 01109 Dresden

D2 = Am Lagerplatz 4, 01099 Dresden

**1 Manual and mechanized non-destructive testing (D1, D2)**

**1.1 Ultrasonic testing - Manual and mechanized surface and volume testing of metallic components, fiber reinforced materials and plastics as well as composites materials \*\*\***

DIN EN ISO 16810 2014-07	Non-destructive testing - Ultrasonic testing - General principles (here: <i>only Section 9</i> )
DIN EN ISO 16823 2014-07	Non-destructive testing - Ultrasonic testing - Transmission technique
DIN EN ISO 17640 2019-02	Non-destructive testing of welds - Ultrasonic testing - Techniques, testing levels, and assessment (here: <i>only Section 7-10 and Annex A</i> )
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 12680-1 2003-06	Founding - Ultrasonic examination - Part 1: Steel castings for general purposes
IMA-PV A/17 <sup>1)</sup> 2019-01	Test instruction for ultrasound testing by means of ultrasound scanning system LS100
IMA AN1/26 <sup>1)</sup> 2019-05	Non-destructive testing (ZfP) - Ultrasonic examination (UT)

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**1.2 Penetrant testing - Testing for surface-open material irregularities and defects of metallic components, fiber reinforced materials and plastics as well as composites materials \*\*\***

DIN EN ISO 3452-1 2022-02	Non-destructive testing - Penetrant testing - Part 1: General principles (here: <i>only Section 8</i> )
DIN EN 1371-1 2012-02	Founding - Liquid penetrant testing - Part 1: Sand, gravity die and low pressure die castings
DIN EN 10228-2 2016-10	Non-destructive testing of steel forgings - Part 2: Penetrant testing
IMA AN1/27 <sup>1)</sup> 2019-03	Non-destructive testing (ZfP) - Liquid penetrant testing (PT)

**1.3 Magnetic particle test - Manual testing of surfaces on ferromagnetic materials of irregularities and defects \*\*\***

DIN EN ISO 9934-1 2017-03	Non-destructive testing - Magnetic particle testing - Part 1: General principles (here: <i>only Section 7-14</i> )
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
DIN EN ISO 17638 2017-03	Non-destructive testing of welds - Magnetic particle testing
IMA AN1/28 <sup>1)</sup> 2019-11	Non-destructive testing (ZfP) - Magnetic particle testing (MT)

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**1.4 Visual inspection - Testing of external and internal surfaces of irregularities and defects of metallic components, fiber reinforced materials and plastics as well as composites materials**  
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DIN EN 13018 2016-06	Non-destructive testing - Visual testing - General principles (here: <i>only Section 5 and 6</i> )
DIN EN ISO 17637 2017-04	Non-destructive testing of welds - Visual testing of fusion-welded joints
IMA AN1/14 <sup>1)</sup> 2019-06	Non-destructive testing of welds - Visual testing of fusion-welded joints

**Abbreviations used:**

AN1	Work instructions of Labors für zerstörungsfreie Prüfung
DIN	Deutsches Institut für Normung e.V. - German institute for standardization
IMA-PV	Test specification of IMA Dresden

<sup>1)</sup> die Flexibilisierung Kat. III gilt nicht für Hausverfahren