

# Accreditation



The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that

**Hydrotechnik Gesellschaft mit beschränkter Haftung**  
**Holzheimer Straße 94 - 96, 65549 Limburg a. d. Lahn**

operates a calibration laboratory that fulfills the requirements according to DIN EN ISO/IEC 17025:2018 for those conformity assessment activities specified in detail in the annex listed below. This includes additional existing legal and normative requirements for the calibration laboratory including those in relevant sectoral schemes, provided that these are explicitly confirmed in the annex listed below.

**D-K-15045-01-01      Valid from: 15.07.2025**

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of calibration laboratories and they conform to 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 accreditation certificate only applies in connection with the notice of 15.07.2025. It consists of this cover sheet, the reverse side of the cover sheet and the corresponding annex.

Registration number of the accreditation certificate: **D-K-15045-01-00**

Berlin, 15.07.2025	Dipl.-Wirtsch.-Ing. (BA) Tim Harnisch Head of Technical Unit	Translation issued: 15.07.2025	Dipl.-Wirtsch.-Ing. (BA) Tim Harnisch Head of Technical Unit
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*This accreditation certificate was issued by the Deutsche Akkreditierungsstelle GmbH (DAkks). It is digital sealed and valid without signature. It reflects the status as indicated by the date of issue. The current status of any valid and surveyed 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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Spittelmarkt 10  
10117 Berlin

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 Accreditation Certificate D-K-15045-01-01 according to DIN EN ISO/IEC 17025:2018

**Valid from:** 15.07.2025

**Date of issue:** 15.07.2025

**This annex is part of the Accreditation Certificate D-K-15045-01-00.**

Holder of the Accreditation Certificate:

**Hydrotechnik Gesellschaft mit beschränkter Haftung  
Holzheimer Straße 94 - 96, 65549 Limburg a. d. Lahn**

with the location

**Hydrotechnik Gesellschaft mit beschränkter Haftung  
Holzheimer Straße 94 - 96, 65549 Limburg a. d. Lahn**

The calibration laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The calibration 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 calibration laboratories and they conform to the principles of DIN EN ISO 9001.

Calibration in the fields:

**Mechanical quantities**

- **Pressure**

**Fluid quantities**

- **Liquid flow rate**

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*This annex to the certificate 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 valid and surveyed accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH ([www.dakks.de](http://www.dakks.de)).*

Abbreviations used: see last page

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**This document is a translation. The definitive version is the original German annex to the accreditation certificate.**

**Annex to the Accreditation Certificate D-K-15045-01-01**
**Permanent Laboratory**
**Calibration and Measurement Capabilities (CMC)**

Measurement quantity / Calibration item	Range	Measurement conditions / procedure	Expanded uncertainty of measurement	Remarks
<b>Pressure</b> Negative and positive gauge pressure $p_e$	-1 bar to -0,015 bar	DKD-R 6-1:2014	$8.0 \cdot 10^{-5} \cdot p_e$ , but not lower than 0.03 mbar	Pressure medium: Gas
	0.015 bar to 1 bar		$6.0 \cdot 10^{-5} \cdot p_e$ , but not lower than 0.03 mbar	
	> 1 bar to 7 bar		$8.0 \cdot 10^{-5} \cdot p_e$	
Gauge pressure $p_e$	3 bar to 60 bar		$8.0 \cdot 10^{-5} \cdot p_e$ , but not lower than 0.5 mbar	Pressure medium: Oil
	> 60 bar to 300 bar		$8.0 \cdot 10^{-5} \cdot p_e$	
	> 300 bar to 1200 bar		$1.2 \cdot 10^{-4} \cdot p_e$	
<b>Liquid flow rate</b> Volume flow rate	0.005 L/min to 600 L/min	VB-01:2022-02  Volumetric measurement based on piston-type prover	0.2 %	Calibration liquids on basis of mineral oil
	1.5 L/min to 1000 L/min	VB-02:2022-02  Comparative method with master	0.3 %	Calibration liquids on basis of mineral oil

**Abbreviations used:**

CMC	Calibration and measurement capabilities
DIN	Deutsches Institut für Normung e.V. – German institute for standardization
DKD-R	Calibration Guideline of Deutsche Kalibrierdienst (DKD), published by Physikalisch-Technische Bundesanstalt (PTB)
EN	Europäische Norm – European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation
VB	In house method of Hydrotechnik Gesellschaft mit beschränkter Haftung

Valid from: 15.07.2025

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