

# Accreditation



The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that the calibration laboratory

**ProfEC Ventus GmbH**  
**Marie-Curie-Straße 1, 26129 Oldenburg**

meets the 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 for the calibration laboratory, including those in relevant sectoral schemes, provided they are explicitly confirmed in the annex to this certificate.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of calibration 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 accreditation certificate only applies in connection with the notices of 18.10.2023 with accreditation number D-K-19142-01.

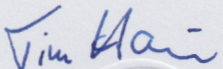
It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 2 pages.

Registration number of the accreditation certificate: **D-K-19142-01-00**

Berlin, 18.10.2023

Dipl.-Wirtsch.-Ing. (BA) Tim Harnisch  
Head of Technical Unit

Translation issued:  
18.10.2023

  
Dipl.-Wirtsch.-Ing. (BA) Tim Harnisch  
Head of Technical Unit



*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)).*

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

See notes overleaf

# Deutsche Akkreditierungsstelle GmbH

Office Berlin  
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10117 Berlin

Office Frankfurt am Main  
Europa-Allee 52  
60327 Frankfurt am Main

Office Braunschweig  
Bundesallee 100  
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 Accreditation Certificate D-K-19142-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 18.10.2023

Date of issue: 18.10.2023

Holder of accreditation certificate:

**ProfEC Ventus GmbH**  
**Marie-Curie-Straße 1, 26129 Oldenburg**

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 confirm generally with the principles of DIN EN ISO 9001.

Calibrations at the sites:

**ProfEC Ventus GmbH, Marie-Curie-Straße 1, 26129 Oldenburg**  
**Wind Tunnel Center (MEASNET), Carl-von-Ossietzky-Straße 9-11, 26129 Oldenburg**

Calibrations in the fields:

**Fluid quantities**

- Velocity of gases

**Mechanical quantities**

- Pressure

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Abbreviations used: see last page

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**Annex to the Accreditation Certificate D-K-19142-01-00**

The calibration laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use calibration standards or equivalent calibration procedures listed here with different issue dates.

The calibration laboratory maintains a current list of all calibration standards / equivalent calibration procedures within the flexible scope of accreditation.

**ProfEC Ventus GmbH, Marie-Curie-Straße 1, 26129 Oldenburg**

**Permanent Laboratory**

Calibration and Measurement Capabilities (CMC)

Measurement quantity / Calibration item	Range	Measurement conditions / procedure	Expanded uncertainty of measurement	Remarks
<b>Pressure</b> Absolute pressure $p_{abs}$	500 hPa to 1100 hPa	DKD-R 6-1:2014	0.18 hPa	Pressure medium: Gas

**Wind Tunnel Center (MEASNET), Carl-von-Ossietzky-Straße 9-11, 26129 Oldenburg**

**Permanent Laboratory**

Calibration and Measurement Capabilities (CMC)

Measurement quantity / Calibration item	Range	Measurement conditions / procedure	Expanded uncertainty of measurement	Remarks
<b>Velocity of gases</b> Absolute value of flow vector Anemometer	4 m/s to 16 m/s	IEC 61400-50-1:2022, section 8 IEC 61400-12-1:2017 (withdrawn), Annex F MEASNET Anemometer Calibration Procedure – Version 3:2020	0.1 m/s	Wind tunnel (type Göttingen) Nozzle: 1.0 m x 0.8 m Anemometer inclination: 0°
Direction of flow vector Anemometer, wind direction sensor	0° to 360°	IEC 61400-50-1:2022, Annex A	0.9°	Wind tunnel (type Göttingen) Nozzle: 1.0 m x 0.8 m

**Abbreviations used:**

CMC	Calibration and measurement capabilities
IEC	International Electrotechnical Commission
MEASNET	Measuring Network of Wind Energy Institutes

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