

Deutsche Akkreditierungsstelle
(German National Accreditation Body)

Annex to the accreditation certificate D-PL-11132-01-01
in accordance with DIN EN ISO/IEC 17025:2018

Valid from: 19 October 2026

Issue date: 19 October 2026

This annex is an integral part of the accreditation certificate D-PL-11132-01-00.

Holder of the accreditation certificate:

GEO-NET Umweltconsulting GmbH
Große Pfahlstraße 5a, 30161 Hannover

with the site

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The testing laboratory fulfils the requirements of DIN EN ISO/IEC 17025:2018 for performing the conformity assessment activities listed in this annex. Where applicable, the testing laboratory also meets additional legal and normative requirements, including those in relevant sectoral programmes, provided that these are expressly confirmed below.

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

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Testing in the following areas:

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Flexible scope of accreditation:

Within the testing areas marked [Flex A], the testing laboratory is permitted, without prior notification to or approval from DAkkS, to apply the standardised or equivalent test methods listed here in different editions.

The testing laboratory maintains a current list of all testing procedures within the flexible scope of accreditation. The list is publicly available on the laboratory's website.

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1 Wind energy

1.1 Determination of the wind potential and energy output of wind turbine generators as well as determination of site quality upon commissioning, wind field simulation

Scope No.	Short title (standard)	Title of test method (Modification/Restriction)	[Flex A] or edition
1.1.1	FGW TR Teil 6	Determination of wind potential and energy output	[Flex A]
1.1.2	MEASNET	Evaluation of Site Specific Wind Conditions	[Flex A]

1.2 Carrying out and analysing wind measurements by means of measurement masts, LiDAR and SoDAR measurement devices

Scope No.	Short title (standard)	Title of test method (Modification/Restriction)	[Flex A] or edition
1.2.1	IEC 61400-12-1	Wind turbines - Part 12-1: Power performance measurements of electricity producing wind turbines	[Flex A]
1.2.2	IEC 61400-12-3	Wind energy generation systems – Part 12-3: Power Performance – Measurement based site calibration	[Flex A]
1.2.3	IEC 61400-12-5	Wind energy generation systems – Part 12-5: Power performance – Assessment of obstacles and terrain	[Flex A]
1.2.4	IEC 61400-50	Wind energy generation systems - Part 50: Wind measurements - Overview	[Flex A]
1.2.5	IEC 61400-50-1	Wind energy generation systems – Part 50-1: Wind measurements Application of meteorological mast, nacelle and spinner mounted instruments <i>no wind measurements with nacelle- or spinner-mounted anemometers</i>	[Flex A]
1.2.6	IEC 61400-50-2	Wind energy generation systems – Part 50-2: Wind Measurement – Application of ground mounted remote sensing technology	[Flex A]

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1.3 Verification of remote sensing devices

Scope No.	Short title (standard)	Title of test method (Modification/Restriction)	[Flex A] or edition
1.3.1	IEC 61400-12-1	Wind turbines - Part 12-1: Power performance measurements of electricity producing wind turbines	[Flex A]
1.3.2	IEC 61400-12-3	Wind energy generation systems – Part 12-3: Power Performance – Measurement based site calibration	[Flex A]
1.3.3	IEC 61400-12-5	Wind energy generation systems – Part 12-5: Power performance – Assessment of obstacles and terrain	[Flex A]
1.3.4	IEC 61400-50	Wind energy generation systems - Part 50: Wind measurements - Overview	[Flex A]
1.3.5	IEC 61400-50-1	Wind energy generation systems – Part 50-1: Wind measurements Application of meteorological mast, nacelle and spinner mounted instruments <i>no wind measurements with nacelle- or spinner-mounted anemometers</i>	[Flex A]
1.3.6	IEC 61400-50-2	Wind energy generation systems – Part 50-2: Wind Measurement – Application of ground mounted remote sensing technology	[Flex A]

1.4 Determination and application of the reference yield of wind turbine generators

Scope No.	Short title (standard)	Title of test method (Modification/Restriction)	[Flex A] or edition
1.4.1	FGW TR Teil 5	Determination and application of the reference yield	[Flex A]

1.5 Demonstration of site suitability, including determination of turbulence intensity and extreme wind estimation

Scope No.	Short title (standard)	Title of test method (Modification/Restriction)	[Flex A] or edition
1.5.1	DIBt 2012	Guideline for Wind Turbines – Actions and Verification of Structural Integrity for Tower and Foundation	[Flex A]
1.5.2	IEC 61400-1	Wind energy generation systems – Part 1: Design requirements	[Flex A]
1.5.3	IEC 61400-15-1	Wind energy generation systems – Part 15-1: Site suitability input conditions for wind power plants	[Flex A]
1.5.4	DIN EN 1991-1-4	Impacts on structures – Part 1-4: General impacts – Wind actions	[Flex A]

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1.6 Determination of site quality after commissioning

Scope No.	Short title (standard)	Title of test method (Modification/Restriction)	[Flex A] or edition
1.6.1	FGW TR Teil 10,	Determination of site quality after commissioning	[Flex A]

1.7 Determination of the impact of climate change on energy yield

Scope No.	Short title (standard)	Title of test method (Modification/Restriction)	[Flex A] or edition
1.7.1	FGW TR Part 6	Determination of wind potential and energy output	[Flex A]
1.7.2	BWE standard	BWE standard for a well-managed wind farm with direct financial participation by citizens	2022-11
1.7.3	(V2) <i>PB Einfluss Klima-Wandel (EKW)</i> [Impact of Climate Change] Climate Change (EKW)	Impact of climate change on energy yield	Version 2 2026-05

Abbreviations used:

BWE	<i>Bundesverband WindEnergie e.V.</i> (German Wind Energy Association)
DIBt	<i>Deutsches Institut für Bautechnik</i> (German Institute for Building Technology)
DIN	<i>Deutsches Institut für Normung e.V.</i> (German Institute for Standardization)
FGW	<i>Fördergesellschaft Windenergie und andere Dezentrale Energien e.V.</i> (Association for the Promotion of Wind Energy and Other Decentralised Energies)
IEC	International Electrotechnical Commission
MEASNET	International Network for Harmonised and Recognised Measurements in Wind Energy
RSD	Remote Sensing Device
TR	<i>Technische Richtlinie</i> (Technical Guideline)

The translator's comments in the text appear in italics and square brackets.

I hereby certify the accuracy and completeness of the translation of this document, which is before me.
No responsibility is taken for the correctness of the document's contents.
The attached copy is a copy of the document which is before me.

Carlotta Kohne

Diplom-Übersetzerin (Graduate translator)

Sworn translator appointed by the Hanover Regional Court for the federal state of Lower Saxony for German, English and Italian.



Hanover, 28 October 2026

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