

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-PL-17580-01-01 according to DIN EN ISO/IEC 17025:2018

Valid from: 15.09.2026

Date of issue: 15.09.2026

This annex is part of the Accreditation Certificate D-PL-17580-01-00.

Holder of accreditation certificate:

anemos Gesellschaft für Umweltmeteorologie mbH
Böhmsholzer Weg 3, 21391 Reppenstedt

with the location

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Böhmsholzer Weg 3, 21391 Reppenstedt

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing 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.

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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Flexible Scope of Accreditation:

Within the indicated test areas marked with [Flex A] the testing laboratory is permitted to use standardised or equivalent test methods listed here with different issue dates without being required to prior inform and obtain approval from DAkkS.

The testing laboratory has an up-to-date list of all test methods within the flexible scope of accreditation. The list is publicly available on the website of the testing laboratory.

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1 Wind turbines

1.1 Determination of wind potential and energy yields as well as site quality before commissioning

Scope Nr.	Short title (Standard)	Title Test Procedure (Modification/Restriction)	[Flex A] or date of issue
1.1.1	FGW TR 6	Bestimmung von Windpotential und Energieerträgen	[Flex A]
1.1.2	IEC 61400-1	Wind energy generation systems - Part 1: Design requirements	[Flex A]
1.1.3	AA Wind- und Ertragsgutachten	Erstellung von Wind- und Ertragsgutachten	Rev.00 2023-02

1.2 Performing and evaluating wind measurements via Anemometer, SoDAR und LiDAR

Scope Nr.	Short title (Standard)	Title Test Procedure (Modification/Restriction)	[Flex A] or date of issue
1.2.1	FGW TR 6	Bestimmung von Windpotential und Energieerträgen	[Flex A]
1.2.2	IEC 61400-12-1	Wind energy generation systems – Part 12-1: Power performance measurements of electricity producing wind turbines <i>withdrawn standard</i>	Ed. 2.0 2017-03
1.2.3	IEC 61400-12-1	Power performance measurements of electricity producing wind turbines	[Flex A]
1.2.4	IEC 61400-50	Wind measurement – Overview	[Flex A]
1.2.5	IEC 61400-50-1	Wind measurement – Application of meteorological mast, nacelle and spinner mounted instruments	[Flex A]
1.2.6	IEC 61400-50-2	Wind measurement – Application of ground-mounted remote sensing technology	[Flex A]
1.2.7	AA Windmessungen-Auswertung	Auswertung und Analyse von Windmessungen	Rev.00 2023-03

1.3 Determination of site quality after commissioning

Scope Nr.	Short title (Standard)	Title Test Procedure (Modification/Restriction)	[Flex A] or date of issue
1.3.1	FGW TR 10	Bestimmung der Standortgüte nach Inbetriebnahme <i>Nur Berechnungen</i>	[Flex A]
1.3.2	AA SGnI	Berechnung der Standortgüte nach Inbetriebnahme	Rev.01 2022-10

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1.4 Determination of turbulence intensity

Scope Nr.	Short title (Standard)	Title Test Procedure (Modification/Restriction)	[Flex A] or date of issue
1.4.1	AA Turbulenzintensität	Berechnung der natürlichen Umgebungsturbulenzintensität	Rev.14 2023-02

1.5 Calculation of shadow flicker forecasts

Scope Nr.	Short title (Standard)	Title Test Procedure (Modification/Restriction)	[Flex A] or date of issue
1.5.1	LAI	Hinweise zur Ermittlung und Beurteilung der optischen Immissionen von Windkraftanlagen Aktualisierung 2019 (WKA-Schattenwurf-Hinweise)	2020-01
1.5.2	AA Schatten	Schattenwurfgutachten	Rev.10 2023-02

1.6 Calculation of noise immission forecasts

Scope Nr.	Short title (Standard)	Title Test Procedure (Modification/Restriction)	[Flex A] or date of issue
1.6.1	DIN ISO 9613-2	Dämpfung des Schalls bei der Ausbreitung im Freien – Teil 2: Allgemeines Berechnungsverfahren	[Flex A]
1.6.2	LAI	Hinweise zum Schallimmissionsschutz bei Windenergieanlagen Länderausschuss für Immissionsschutz (LAI)	2005-03
1.6.3	LAI	Hinweise zum Schallimmissionsschutz bei Windkraftanlagen (WKA), Bund/Länder-Arbeitsgemeinschaft Immissionsschutz (LAI)	2016-06

1.7 Production of wind atlases and determination of wind and yield indices

Scope Nr.	Short title (Standard)	Title Test Procedure (Modification/Restriction)	[Flex A] or date of issue
1.7.1	AA anemos Windatlanten	Berechnung der anemos Windatlanten	Rev.06 2023-02
1.7.2	AA anemos Wind- und Ertragsindex	Berechnung der anemos Wind- und Ertragsindizes	Rev.08 2023-02

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

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1.8 Preparation of revenue assessments

Scope Nr.	Short title (Standard)	Title Test Procedure (Modification/Restriction)	[Flex A] or date of issue
1.8.1	AA Erlös-gutachten	Erstellung von Erlösgutachten	Rev.07 2023-05

1.9 Calculation of market value atlases

Scope Nr.	Short title (Standard)	Title Test Procedure (Modification/Restriction)	[Flex A] or date of issue
1.9.1	AA Marktwert-atlas	Berechnung von Marktwertatlanten	Rev.05 2023-02

Abbreviations used:

AA	In-house method of anemos Gesellschaft für Umweltmeteorologie mbH
FGW	Fördergesellschaft Windenergie und andere Dezentrale Energien e.V. (Federation of Wind and other Decentralised Energies)
IEC	International Electrotechnical Commission
LiDAR	Light detection and ranging
SGnI	Site quality following commissioning (Standortgüte nach Inbetriebnahme)
SoDAR	Sonic detection and ranging
TG	Technical Guideline
WEA	Wind turbines