

## Deutsche Akkreditierungsstelle GmbH

### Annex to the Accreditation Certificate D-PL-21362-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: **18.02.2021**

Date of issue: 18.02.2021

Holder of certificate:

**FICHTNER GmbH & Co. KG**  
**Sarweystraße 3, 70191 Stuttgart**

Tests in the fields:

**Determination of the wind potential and energy yields of on- and offshore wind energy installations including the assessment of wind input data; Determination of the site quality; Evaluation and analysis of wind input data (from wind met mast/meteorological met mast, SoDAR, LiDAR) for the determination of the wind potential; Post-construction energy yield assessments for on- and offshore wind energy installations including the analysis and evaluation of historical wind turbine production data; Determination of the reference yield of wind turbine generators**

**Within the scope of accreditation marked with \*, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates.**

**The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.**

*The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories. Laboratories that conform to the requirements of this standard, operate generally in accordance with the principles of DIN EN ISO 9001.*

*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 may be found respectively in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH*

*<https://www.dakks.de/en/content/accredited-bodies-dakks>.*

**Annex to the accreditation certificate D-PL-21362-01-00**

**1 Determination of the wind potential and energy yields of on- and offshore wind energy installations including the assessment of wind input data**

IEC 61400-1 * Ed. 4.0 2019-02	Wind energy generation systems - Part 1: Design requirements
IEC 61400-12-1 * Ed. 2.0 2017-03	Wind energy generation systems - Part 12-1: Power performance measurements of electricity producing wind turbines
FGW TR 6, Rev. 10 * 2017-10	Determination of wind potential and energy yields
MEASNET 2016-04	Evaluation of site-specific wind conditions, version 2

**2 Determination of the site quality**

FGW TR 6, Rev. 10 * Annex C 2017-10	Determining the site quality for commissioning in accordance with EEG 2017
---	---

**3 Evaluation and analysis of wind input data (from wind met mast/meteorological met mast, SoDAR, LiDAR) for the determination of the wind potential**

IEC 61400-1 * Ed. 4.0 2019-02	Wind energy generation systems - Part 1: Design requirements
IEC 61400-12-1 * Ed. 2.0 2017-03	Wind energy generation systems - Part 12-1: Power performance measurements of electricity producing wind turbines
FGW TR 6, Rev. 10 * 2017-10	Determination of wind potential and energy yields
MEASNET 2016-04	Evaluation of site-specific wind conditions, version 2

**4 Post-construction energy yield assessments for on- and offshore wind energy installations including the analysis and evaluation of historical wind turbine production data**

IEC 61400-26-1 \*      Wind turbines – Part 26-1: Availability of wind energy generation systems  
Ed. 1.0  
2019-05

FGW TR 6, Rev. 10 \*      Determination of wind potential and energy yields  
2017-10

**5 Determination of the reference yield of wind turbine generators**

FGW TR Teil 5, Rev. 8 \*      Determination and application of the reference yields  
2020-03

**Abbreviations used:**

FGW	German Federation of Wind Energy and other Decentralized Energies e.V.
IEC	International Electrotechnical Commission
MEASNET	Measuring Network of Wind Energy Institutes