

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-11121-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 07.08.2020

Date of issue: 07.08.2020

Holder of certificate:

**Tractebel Engineering GmbH
GE 4 - Erneuerbare Energien
Friedberger Straße 173, 61118 Bad Vilbel**

Tests in the fields:

Determination of reference yield; Determination of wind energy potential and energy efficiency of wind power plants; Analysis of wind measurements; Determination of the site quality

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.

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

Abbreviations used: see last page

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.
<https://www.dakks.de/en/content/accredited-bodies-dakks>*

Determination of reference yield; Determination of wind energy potential and energy efficiency of wind power plants; Analysis of wind measurements; Determination of the site quality

IEC 61400-12-1, Ed. 2 * 2017-03	Wind turbines Part 12-1: Power performance measurements of Electricity producing wind turbines, Annex L
FGW TR 5 Rev. 7 * 2017-01	Determining and applying the Reference Yield
FGW TR 6 Rev. 10 * 2017-10	Determination of wind potential and energy yields
	with reference to:
	German Renewable Act <i>(Erneuerbare-Energien-Gesetz - EEG, Stand 01/2017)</i>
MEASNET Version 2 2016-04	Evaluation of site-specific wind conditions
LI PA 43 2018-02	Wind Data Analyses and Energy Generation Assessment

Abbreviations used:

DIN	German Institute for Standardization
FGW	Fördergesellschaft Windenergie und anderer Dezentrale Energien e. V.
LI PA	In house method of the Tractebel Engineering GmbH, Renewable Energy – GE 4
MEASNET	Measuring Network of Wind Energy Institutes

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