

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-19142-01-00 according to DIN EN ISO/IEC 17025:2005

Period of validity: 22.01.2015 to 21.01.2020

Date of issue: 30.01.2015

Holder of certificate:

ProfEC Ventus GmbH
Im Ofenerfeld 23, 26127 Oldenburg

at the location

Marie-Curie-Straße 1, 26129 Oldenburg

Tests in the fields:

**Measurement of Wind Turbine Power Performance; Wind Resource and Energy Yield
Assessment of Wind Turbines and Wind Farms; Installation and Evaluation of Wind
Measurements with Anemometers; Site Classification of Wind Turbines**

Abbreviations used: see last page

1 Measurement of wind turbine power performance

IEC 61400-12 1999-07	Wind turbine generator systems - Part 12: Wind turbine power performance testing
IEC 61400-12-1 2005-08	Wind turbines - Part 12-1: Power performance measurements of electricity producing wind turbines
IEC 61400-12-2 2013-03	Wind turbines - Part 12-2: Power performance of electricity producing wind turbines based on nacelle anemometry
QM_TPI-02 2014-09	Power Performance Measurement
FGW TR 2, Rev. 16 2010-01	Determination of Power Performance and Standardised Energy Yields

with reference to:

IEC 61400-1 1999-02	Ed. 2: Wind turbines generator systems - Part 1: Safety requirements (withdrawn standard)
IEC 61400-1 2005-08	Ed. 3: Wind turbines - Part 1: Design requirements
IEC 61400-2 2006-02	Wind turbines - Part 2: Design requirements for small wind turbines
EEG 2014-07	German Renewable Energy Act 2014 (EEG 2014)
MEASNET Version 5 2009-12	Power Performance Measurement Procedure

2 Wind Resource and Energy Yield Assessment of Wind Turbines and Wind Farms;

FGW TR 6, Rev. 9 2014-09	Determination of Wind Potential and Energy Yields
QM_TPI-01 2014-09	Wind Resource Assessment and Energy Yield Assessment

with reference to:

MEASNET Version 1 2009-11	Evaluation of Site Specification Wind Conditions
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3 Installation and Evaluation of wind measurements with anemometers

IEC 61400-12-1 2005-08	Wind turbines - Part 12-1: Power performance measurements of electricity producing wind turbines
QM_TPI-03 2014-09	Measurement Installation
FGW TR6 6, Rev. 9 2014-09	Determination of Wind Potential and Energy Yields

with reference to:

MEASNET Version 1 2009-11	Evaluation of Site Specification Wind Conditions
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4 Site Classification of Wind Turbines

QM_TPI-04 Site Classification
2014-09

with reference to:

*IEC 61400-1 Ed. 2: Wind turbines generator systems - Part 1:
1999-02 Safety requirements (withdrawn standard)*

*IEC 61400-1 Ed. 3: Wind turbines - Part 1: Design requirements
2005-08*

*IEC 61400-2 Wind turbines - Part 2: Design requirements for
2006-02 small wind turbines*

Abbreviations used:

DIN	German Institute for Standardization
EEG	German Renewable Energy Act
FGW	Federation of German Windpower and other Renewable Energies
IEC	International Electrotechnical Commission
QM_TPI	in-house Test Method
MEASNET	International Network for Harmonised and Recognised Measurements in Wind Energy