

Accreditation



The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that the inspection body Type C

Deutsche Windtechnik Offshore und Consulting GmbH Stephanitorsbollwerk 1, 28217 Bremen

meets the minimum requirements according to DIN EN ISO/IEC 17020:2012 for the conformity assessment listed in the annex to this certificate. This includes additional existing legal and normative requirements, including those in relevant sectoral schemes.

The management system requirements of DIN EN ISO/IEC 17020 are written in the language relevant to the operations of inspection bodies and confirm generally with the principles of DIN EN ISO 9001.

This accreditation was issued in accordance with Art. 5 Para. 1 Sentence 2 of Regulation (EC) 765/2008, after an accreditation procedure was carried out in compliance with the minimum requirements of DIN EN ISO/IEC 17011 and on the basis of a review and decision of the appointed accreditation committees.

This accreditation certificate only applies in connection with the notices of 11.11.2022 with accreditation number D-IS-20474-01.

It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 3 pages.

Registration number of the accreditation certificate: **D-IS-20474-01-00**

Berlin, 11.11.2022

B. Sc. Maik Kadraba
Head of Technical Unit

Translation issued:
11.11.2022



B. Sc. Maik Kadraba
Head of Technical Unit

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 can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH (www.dakks.de).

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

See notes overleaf

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-IS-20474-01-00 according to DIN EN ISO/IEC 17020:2012

Valid from: 11.11.2022

Date of issue: 11.11.2022

Holder of accreditation certificate:

**Deutsche Windtechnik Offshore und Consulting GmbH
Stephanitorsbollwerk 1, 28217 Bremen**

The inspection body Type C meets the minimal requirements of DIN EN ISO/IEC 17020:2012 and, if applicable, additional legal and normative requirements, including those in relevant sectoral schemes, in order to carry out the conformity assessment activities listed below.

The management system requirements of DIN EN ISO/IEC 17020 are written in the language relevant to the operations of inspection bodies and confirm generally with the principles of DIN EN ISO 9001.

Technical inspection and assessment of Off- and Onshore Wind turbines by means of commissioning assessment, end-of-warranty assessment and periodic assessment by judging and establishing the conformity with specific and - based on an expert opinion – with general requirements

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>.

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

Annex to the Accreditation Certificate D-IS-20474-01-00

Inspektions to:

DWTOC_GI_203AA0909 Inspection methodology for technical assessments of Wind
2017-08 Turbines
(except: rotor blade inspections)

in conjunction with the following requirements documents, evaluation and basic testing standards:

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| DIN 31051 2012-09 | Fundamentals of maintenance |
| DIN EN 50308 2005-03; VDE 0127-100 2005-03 | Wind turbines - Protective measures - Requirements for design, operation and maintenance |
| DIN EN 61400-1 2011-08; VDE 0127-1 2011-08 | Wind turbines - Part 1: Design requirements |
| DIN EN 61400-22 2011-10; VDE 0127-22 2011-10 | Wind turbines - Part 22: Conformity testing and certification |
| BSH Standard 2007-06 | Design of Offshore Wind Turbines |
| BSH Standard 2015-06 | Design of Offshore Wind Turbines |
| BWE 2012 | Principals for the periodic assessment of Wind Turbines |
| DIBt-Richtlinie 1993-06 | Guideline for Wind Turbines - effects and structural safety proof tests for the tower and foundation |
| DIBt-Richtlinie 2004-03 | Guideline for Wind Turbines - effects and structural safety proof tests for the tower and foundation |

Valid from: 11.11.2022
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Annex to the Accreditation Certificate D-IS-20474-01-00

DIBt - Richtlinie
2012-10 Guideline for Wind Turbines - effects and structural safety proof
tests for the tower and foundation

FGW TR 7, Rubrik B3, Rev.0
2014-01 Operation and Maintenance of renewable energy power plants –
foundations and support structures of Power Generating Units

Abbreviations used:

BSH Federal Agency for Navigation and Hydrography
BWE German Wind Energy Association
DIBt German Institute for Civil Engineering
DWTOC Inspection programme of the Deutsche Windtechnik Offshore und Consulting GmbH
1.1.1 FGW Federation of German Windpower and other Decentralised Energies e. V.