Annex to the application of ZE-11326-01 on 24-02-2021 (flexible accreditation scope)

Date: 06.05.2021

Testing or Inspection:

Standard / date of issue In-house method /version	Title of the Standard or the in-house method[2] (specify any deviations / modifications of standard method)
1. On- and offshore wind turbines and their components; wind turbines, wind farm projects and small wind turbines	
IEC WT 01 2009-04	IEC System for Conformity Testing and Certification of Wind Turbines: Rules and Procedures
IEC 61400-22 2010-05	Wind Turbines - Part 22: Conformity testing and certification of wind turbines
OD 501 2018-05	Type and Component Certification Scheme
OD 502 2018-10	Project Certification Scheme
GL 2010 2010-07	Guideline for the Certification of Wind Turbines
GL 2012 2012-12	Guideline for the Certification of Offshore Wind Turbines
DNV-DSS-904 2014-01	Type Certification of Wind Turbines
DNV-OSS-901 2012-06	Project Certification
DNVGL-SE-0074 2018-01	Type and component certification of wind turbines according to IEC 61400-22
DNVGL-SE-0441 2016-06	Type and component certification of wind turbines
DNVGL-SE-0073 2018-01	Project certification of wind farms according to IEC 61400-22
DNVGL-SE-0190 2015-12	Project certification of wind power plants

DNVGL-SE-0190 2020-10	Project certification of wind power plants
DNVGL-SE-0263 2016-03	Certification of lifetime extension
DNVGL-SE-0436 2018-04	Shop approval in renewable energy
DNVGL-SE-0439 2016-06	Certification of condition monitoring
IEC 61400-1 1999-02	Wind Turbines - Part 1: Design requirements
IEC 61400-1 2005-08	Wind Turbines - Part 1: Design requirements
IEC 61400-1 2014-04	Wind Turbines - Part 1: Design requirements
IEC 61400-1 2016-02	Wind Turbines - Part 1: Design requirements
IEC 61400-1 2019-02	Wind Turbines - Part 1: Design requirements (VDE 0127-1)
IEC 61400-1 2019-09	Wind Turbines - Part 1: Design requirements (VDE 0127-1)
IEC 61400-2 2006-03	Wind Turbines - Part 2: Small wind turbines
IEC 61400-2 2013-12	Wind Turbines - Part 2: Small wind turbines
IEC 61400-3 2009-02	Wind turbines - Part 3: Design requirements for offshore wind turbines
IEC 61400-3-1 2019-04	Wind energy generation systems - Part 3-1: Design requirements for fixed offshore wind turbines
IEC TS 61400-3-2 2019-04	Wind energy generation systems - Part 3-2: Design requirements for floating offshore wind turbines
IEC 61400-4 2012-12	Wind turbines - Part 4: Design requirements for wind turbine gearboxes

IEC 61400-5 2020-06	Wind energy generation systems – Part 5: Wind turbine blades
IEC 61400-6 2020-04	Wind energy generation systems – Part 6: Tower and foundation design requirements
IEC TS 61400-23 2001-04	Wind Turbines - Part 23: Full-scale structural testing of rotor blades
IEC 61400-23 2014-04	Wind Turbines - Part 23: Full-scale structural testing of rotor blades
IEC 61400-24 2010-06	Wind Turbines - Part 24: Lightning protection
IEC 61400-24 2019-07	Wind Turbines - Part 24: Lightning protection
IEC 61400-25-1 RLV 2017-07	Wind turbines - Part 25-1: Communications for monitoring and control of wind power plants - Overall description of principles and models (withdrawn)
IEC 61400-25-2 2015-06	Wind turbines - Part 25-2: Communications for monitoring and control of wind power plants - Information models (withdrawn)
IEC 61400-25-3 RLV 2015-06	Wind turbines - Part 25-3: Communications for monitoring and control of wind power plants - Information exchange models (withdrawn)
IEC 61400-25-4 RLV 2016-11	Wind turbines - Part 25-4: Communications for monitoring and control of wind power plants - Mapping to communication profile (withdrawn)
IEC 61400-25-5 2017-09	Wind turbines - Part 25-5: Communications for monitoring and control of wind power plants - Conformance testing (withdrawn)
IEC 61400-25-6 2016-12	Wind turbines - Part 25-6: Communications for monitoring and control of wind power plants - Logical node classes and data classes for condition monitoring (withdrawn)
DIBt 2012 2012-10 / Korr. 2015	Richtlinie für Windenergieanlagen - Einwirkungen und Standsicherheitsnachweise für Turm und Gründung. – Korrigierte Fassung März 2015
DIN EN 50308; VDE 0127-100 2005-03	Wind turbines - Protective measures - Requirements for design, operation and maintenance
DIN EN 50308; VDE 0127-100; Berichtigung 2008-11	Wind turbines - Protective measures - Requirements for design, operation and maintenance
ISO 13849-1 2015-12	Safety of machinery — Safety-related parts of control systems — Part 1: General principles for design

ISO 13849-2 2012-10	Safety of machinery - Safety-related parts of control systems - Part 2: Validation
BSH 7004 2014-02	Standard Baugrunderkundung, Mindestanforderungen an die Baugrunderkundung und -untersuchung für Offshore- Windenergieanlagen, Offshore-Stationen und Stromkabel
BSH 7005 2015-07	Standard - Design of Offshore Wind Turbines with the supplements for "Construction Guidance", "Amendment Chapter 4", "Note on Grouted Connections" and "Note on Noise during Installation"
DEA Executive Order No. 73 2013-02	Executive Order from the Danish Ministry for Climate, Energy and Buildings No. 73 dated 2013-01-25: "Bekendtgørelse om teknisk certificeringsordning for vindmøller" (Executive Order on a technical certification scheme for wind
GL Wind-Technical Note 067 2011-10	GL Wind-Technical Note 067 - certification of wind turbines for extreme temperatures (here: cold climate)
DNVGL-RP-0363	Recommended Practice Extreme temperature conditions for wind turbines
FGW-TG8 2016-12	Technical Guidelines for Power Generating Units and Systems - Part 8 (TG8): Certification of the Electrical Characteristics of Power Generating Units and Systems in the Medium-, High- and Extra-High voltage Grids
FGW-TG8 2019-02	Technical Guidelines for Power Generating Units and Systems - Part 8 (TG8): Certification of the Electrical Characteristics of Power Generating Units and Systems in the Medium-, High- and Extra-High voltage Grids
FGW-TG4 2016-03	Technical Guidelines for Power Generating Units and Systems - Part 4 (TG4): Demands on Modeling and Validating Simulation Models of the Electrical Characteristics of Power Generating Units and Systems
FGW-TG4 2019-02	Technical Guidelines for Power Generating Units and Systems - Part 4 (TG4): Demands on Modeling and Validating Simulation Models of the Electrical Characteristics of Power Generating Units and Systems
VDE-AR-N 4105 2018-11	Generators connected to the low-voltage distribution network – Technical requirements for the connection to and parallel operation with low-voltage distribution networks
VDE-AR-N 4110 2018-11	Technical requirements for the connection and operation of customer installations to the medium voltage network (TAR medium voltage)
VDE-AR-N 4120 2018-11	Technical requirements for the connection and operation of customer installations to the high-voltage network (TCC High-Voltage)
VDE-AR-N 4130 2018-11	Technical requirements for the connection and operation of customer installations to the extra high voltage network (TAR extra high voltage)
PO 12.2 2006-10	General Secretary of Energy, for which the operating procedure 12.3 Requirements for response to voltage dips approved wind farms
NTS V1 2020-11	Technical standard for monitoring the conformity of electricity generation modules according to EU Regulation 2016/631 (Norma técnica de supervision de la conformidad de los módulos de generación

NTS V2 2020-11	Technical standard for monitoring the conformity of electricity generation modules according to EU Regulation 2016/631 (Norma técnica de supervision de la conformidad de los módulos de generación
NTS SENP 2020-11	Technical standard for monitoring the conformity of electricity generation modules according to P.O. 12.2 SENP
BDEW 2008-06	Technical Guideline, Generating Plants Connected to the Medium-Voltage Network with FNN supplement, 2009-01, including the
PVVC 2011-05	Verification, Validation and Certification Procedures for the Requirements of OP 12.3 and PO12.2 SENP on the response of the Wind and Photovoltaic Facilities in the Face of Hollows Tensile
PVVC 2018-09	Verification, Validation and Certification Procedures for the Requirements of OP 12.3 and PO12.2 SENP on the response of the Wind and Photovoltaic Facilities in the Face of Hollows Tensile