

Issue status of the certification schemes and product requirements in the accreditation scope of the DAkKS for the certification body:

**TÜV NORD CERT GmbH
Wind Energy
Am TÜV 1, 45307 Essen**

The following list contains all certification schemes and product requirements of the flexible and non-flexible scope of DAkKS accreditation (Type III) currently checked by the certification body. The flexible scope is distinguished by the # flag. The certification body may use any standardized schemes, requirements or equivalent schemes within a flexible scope with different issues/editions without prior information and approval from DAkKS.

This list is updated by the certification body at regular intervals.

Issues/editions or required schemes not listed here, can be requested and checked by us for feasibility.

The current status of the scope of accreditation can be found on the website of the German Accreditation Body "DAkKS":

<https://www.dakks.de/de/akkreditierte-stelle.html?id=D-ZE-12007-01-02>

Scope	Certification Program/ Product Requirements	Issue date/ Edition	Certification program/Product requirement title
Type and project certification of wind turbines and their components	P20-VA-002, Rev. 18	2020-02	Type Certification of Wind Turbines and Components
Type and project certification of wind turbines and their components	P20-001, Rev. 1	2013-10	TÜV NORD Standard for the certification of wind turbines
Type and project certification of wind turbines and their components	P20-VA-004, Rev. 5	2020-01	Project certification (here: wind plants)

Type and project certification of wind turbines and their components	P20-VA-006, Rev. 0	2017-08	Other Certifications Wind Energy
Type and project certification of wind turbines and their components	IEC 61400-22 ed. 1.0	2010-05	# Wind turbines - Part 22: Conformity testing and certification of wind turbines
Type and project certification of wind turbines and their components	EN 61400-22	2011-01/AC:2020	# Wind turbines - Part 22: Conformity testing and certification
Type and project certification of wind turbines and their components	DS/EN 61400-22	2011-02	# Wind turbines - Part 22: Conformity testing and certification
Type and project certification of wind turbines and their components	IEC WT 01	2001-04	IEC-system for the conformity testing and certification of wind
Type and project certification of wind turbines and their components	IECRE OD-501	2018-05	# Type and Component Certification Scheme
Type and project certification of wind turbines and their components	IECRE OD-502	2018-10	# Project Certification Scheme
Type and project certification of wind turbines and their components	IECRE OD-502-1	2022-05 Ed. 1	# Project Certification Scheme
Type and project certification of wind turbines and their components	Germanischer Lloyd (GL)	2010	# Richtlinie für die Zertifizierung von Windenergieanlagen Guidelin for the Certification of Wind Turbines
Type and project certification of wind turbines and their components	Germanischer Lloyd (GL)	2003 with supplement 2004	# Richtlinie für die Zertifizierung von Windenergieanlagen Guideline for the Certification of Wind Turbines
Type and project certification of wind turbines and their components	Germanischer Lloyd (GL)	2005 & 2012	# Richtlinie für die Zertifizierung von Windenergieanlagen Guideline for the Certification of Offshore Wind Turbines

Type and project certification of wind turbines and their components	DNVGL-SE-0263	2016-03	# Certification of Lifetime Extension
Type and project certification of wind turbines and their components	DNVGL-SE-0441	2016-06	# Type and Component Certification of Wind Turbines
Type and project certification of wind turbines and their components	DNVGL-SE-0190	2015-12	# Project Certification of Wind Power Plants
Type and project certification of wind turbines and their components	Danish Klima-, Energi-og Bygningministeriet	2013-01	# Bekendtgørelse number 73, "Bekendtgørelse om teknisk" Instruction for the certification program for the design, manufacture, maintenance, service and installation of wind turbines (Executive Order on a Technical Certification Scheme for Wind Turbines)
Type and project certification of wind turbines and their components	BEK 648	2023-10	# Order on technical certification and servicing of wind turbines etc. (BEK 648)
Type and project certification of wind turbines and their components	BEK 1773	2020-11	# Executive Order on a technical certification and servicing of wind turbines etc. (BEK 1773)
Type and project certification of wind turbines and their components	IS/IEC 61400-22	2018-06	Wind turbines – Part 22: Conformity testing and certification
Type and project certification of wind turbines and their components	C-WET	2003	# Preliminary type certification program 2000 (TAPS-2000, amended 2003)
Type and project certification of wind turbines and their components	DIBt	2012-10 corr. 2015-03	# German Institute for Structural Engineering (DIBt): „Guideline for Wind Turbine“

Type and project certification of wind turbines and their components	German Federal Maritime and Hydrographic Agency (BSH)	2015-07	# Standard: Constructional realization of offshore wind turbines, BSH 7005, including amendments
Type and project certification of wind turbines and their components	WSV-Rahmenvorgaben, Version 3.0	2019-07	# WSV-Rahmenvorgaben, Kennzeichnung Offshore-Anlagen
Type and project certification of wind turbines and their components/ Related Standards	IEC 61400-1	1999-02 Ed. 2.0	# Wind Turbine Generator Systems -Part 1: Safety Requirements
Type and project certification of wind turbines and their components/ Related Standards	IEC 61400-1	2005-08 Ed 3.0	# Wind Turbines- Part 1: Safety Requirements
Type and project certification of wind turbines and their components/ Related Standards	IEC 61400-1-am1	2010-10 Ed. 3	# Amendment 1 - Wind turbines - Part 1: Design requirements
Type and project certification of wind turbines and their components/ Related Standards	EN 61400-1/A1	2011-01	# Wind turbines – Part 1: Design requirements
Type and project certification of wind turbines and their components/ Related Standards	IEC 61400-1	2019-02 Ed 4.0	# Wind Turbines- Part 1: Design Requirements
Type and project certification of wind turbines and their components/ Related Standards	IEC 61400-3	2009-02 Ed. 1.0	# Wind Turbine Generator Systems - Part 3: Design Requirements for Offshore Wind Turbines
Type and project certification of wind turbines and their components/ Related Standards	IEC 61400-3-1	2019-04	# Wind energy generation systems - Part 3-1: Design requirements for fixed offshore wind turbines
Type and project certification of wind turbines and their components/ Related Standards	IEC TS 61400-3-2	2019-04	# Wind energy generation systems - Part 3-2: Design requirements for floating offshore wind turbines

Type and project certification of wind turbines and their components/ Related Standards	IEC 61400-4	2012-12 Ed. 1.0	# Wind turbines - Part 4: Design requirements for wind turbine gearboxes
Type and project certification of wind turbines and their components/ Related Standards	IEC 61400-5	2020-06	# Wind energy generation systems - Part 5: Wind turbine rotor blades
Type and project certification of wind turbines and their components/ Related Standards	IEC 61400-6	2020-04	# Wind energy generation systems - Part 6: Tower and foundation design requirements
Type and project certification of wind turbines and their components/ Related Standards	IEC 61400-23	2014-04 Ed. 1	# Wind Turbine Generator Systems - Part 23: Full-scale structural testing of rotor blades
Type and project certification of wind turbines and their components/ Related Standards	IEC 61400-24	2010-06 Ed. 1.0	# Wind Turbine Generator Systems - Part 24: Lightning Protection
Type and project certification of wind turbines and their components/ Related Standards	IEC 61400-24	2019-06 Ed. 2	# Wind Turbine Generator Systems - Part 24: Lightning Protection
Type and project certification of wind turbines and their components/ Related Standards	IECRE OD-501-1	2017-09	# Conformity assessment and certification of Blade by RECB
Type and project certification of wind turbines and their components/ Related Standards	IECRE OD-501-2	2017-09	# Conformity assessment and certification of Gearbox by RECB
Type and project certification of wind turbines and their components/ Related Standards	IECRE OD-501-3	2017-09	# Conformity assessment and certification of Tower by RECB
Type and project certification of wind turbines and their components/ Related Standards	IECRE OD-501 Ed.3	2022	# Conformity assessment and certification of Tower by RECB

Type and project certification of wind turbines and their components/ Related Standards	IECRE OD-501-4	2017-04	# Conformity Assessment and Certification of Loads by RECB
Type and project certification of wind turbines and their components/ Related Standards	IECRE OD-501-5	2017-09	# Conformity assessment and certification of Control and Protection System by RECB
Type and project certification of wind turbines and their components/ Related Standards	IECRE OD-501-7	2019-03	# Conformity assessment and certification of Main Electrical Components by RECB
Type and project certification of wind turbines and their components/ Related Standards	UL 6141	2016-05	# Wind turbines permitting entry of personnel
Type and project certification of wind turbines and their components/ Related Standards	Germanischer Lloyd (GL)	2013-09	# Technical Note for the Certification of Wind Turbines for tropical Cyclones
Type and project certification of wind turbines and their components/ Related Standards	DNVGL-ST-0376	2015-12	# Rotor blades for wind turbines
Type and project certification of wind turbines and their components/ Related Standards	DNVGL-ST-0438	2016-04	# Control and protection systems for wind turbines
Type and project certification of wind turbines and their components/ Related Standards	DNVGL-ST-0076	2015-05	# Design of electrical installations for wind turbines
Type and project certification of wind turbines and their components/ Related Standards	DNVGL-ST-0126	2016-04	# Support structures for wind turbines
Type and project certification of wind turbines and their components/ Related Standards	DNVGL-ST-0262	2016-03	# Life Time Extension of Wind Turbines

Type and project certification of wind turbines and their components/ Related Standards	DNVGL-ST-0054	2017-06	# Transport and installation of wind power plants
Type and project certification of wind turbines and their components/ Related Standards	Det Norske Veritas (DNV)	2013	# OS-J101: Design of Offshore Wind Turbine Structures (Entwicklung von Offshore - Windenergieanlagen)
Type and project certification of wind turbines and their components/ Related Standards	Det Norske Veritas (DNV)	2010	# OS-J102: Design and manufacture of wind turbine blades, offshore and onshore wind turbines
Type and project certification of wind turbines and their components/ Related Standards	Det Norske Veritas (DNV)	2009	# OS-J201: Offshore substations for wind farms
Type and project certification of wind turbines and their components/ Related Standards	DNV-SE-0441	2016-06, amd. 2021-10	# Type and component certification of wind turbines
Type and project certification of wind turbines and their components/ Related Standards	DNV-SE-0263	2021-11	# Certification of lifetime extension of wind turbines
Type and project certification of wind turbines and their components/ Related Standards	DNV-SE-0436	2021-11	# Certification of condition monitoring
Type and project certification of wind turbines and their components/ Related Standards	DNV-ST-0376,	2021-11	# Rotor blades for wind turbines
Type and project certification of wind turbines and their components/ Related Standards	DNV-ST-0438	2021-11	# Control and protection systems for wind turbines
Type and project certification of wind turbines and their components/ Related Standards	DNV-ST-0262	2021-11	# Lifetime extension of wind turbines

Type and project certification of wind turbines and their components/ Related Standards	DNV-ST-0054	2021-11	# Transport and installation of wind power plants
Type and project certification of wind turbines and their components/ Related Standards	DNV-ST-0437	2021-11	# Loads and site conditions for wind turbines
Type and project certification of wind turbines and their components/ Related Standards	DNV-ST-0361	2021-11	# Machinery for wind turbines
Type and project certification of wind turbines and their components/ Related Standards	DNV-ST-0359	2021-11	# Subsea power cables for wind power plants
Type and project certification of wind turbines and their components/ Related Standards	DNVGL-ST-0145	2016-04	# Offshore Substations
Type and project certification of wind turbines and their components/ Related Standards	DNVGL-ST-0437	2016-11	# Loads and Site Conditions for Wind Turbines
Type and project certification of wind turbines and their components/ Related Standards	DNVGL-ST-0361	2016-09	# Machinery for Wind Turbines
Type and project certification of wind turbines and their components/ Related Standards	DNVGL-ST-0359	2016-06	# Subsea Power Cables for Wind Power Plants
Type and project certification of wind turbines and their components/ Related Standards	DNVGL-SE-0436	2018-04	# Shop Approval in Renewable Energy
Type and project certification of wind turbines and their components/ Related Standards	German Federal Maritime and Hydrographic Agency (BSH)	2008-02	# Standard - Baugrunderkundung für Offshore-Windenergieparks, BSH 7004

Type and project certification of wind turbines and their components/ Related Standards	MVVTB	2019-01	# Deutsches Institut für Bautechnik (DIBt): „Muster-Verwaltungsvorschrift Technische Baubestimmungen“ (nur Bereich Windenergie)
Type and project certification of wind turbines and their components/ Related Standards	DIN EN 50308	2005-03	# Wind turbines - Protective measures - Requirements for design, operation and maintenance
Type and project certification of wind turbines and their components/ Related Standards	DIN EN 50308 Correction 1	2008-12	# Wind turbines - Protective measures - Requirements for design, operation and maintenance
Type and project certification of wind turbines and their components/ Related Standards	DIN 18088-1	2019-01	# Structures for wind turbines and platforms - Part 1: Basic principles and actions
Type and project certification of wind turbines and their components/ Related Standards	DIN 18088-2	2019-01	# Structures for wind turbines and platforms - Part 2: Concrete structures
Type and project certification of wind turbines and their components/ Related Standards	DIN 18088-3	2019-01	# Structures for wind turbines and platforms - Part 3: Steel structures
Type and project certification of wind turbines and their components/ Related Standards	DIN 18088-4	2019-01	# Structures for wind turbines and platforms - Part 4: Soil and foundation elements
Type and project certification of wind turbines and their components/ Related Standards	GL Technical Note 067	Ed. 2013	# Certification of Wind Turbines for Extreme Temperatures (here: Cold Climate), Scope of Assessment, Revision 5
Type and project certification of wind turbines and their components/ Related Standards	DNV-RP-0175	2021-10	#Icing of wind turbines
Type and project certification of wind turbines and their components/ Related Standards	DNV-RP-0363	2021-10	#Extreme temperature conditions for wind turbines

Type and project certification of wind turbines and their components/ Related Standards	DNVGL-RP-0175	2017-12	# Icing of Wind Turbines
Type and project certification of wind turbines and their components/ Related Standards	DNVGL-RP-0363	2016-04	# Extreme Temperature Conditions for Wind Turbines
Condition Monitoring Systems	P20-AA-13, Rev. 2	2017-08	Certification of condition monitoring Systems for wind turbines
Condition Monitoring Systems	Germanischer Lloyd (GL)	2007 & 2013	# Guideline for the certification of condition monitoring systems for wind turbines
Condition Monitoring Systems	DNVGL-SE-0439	2016-06	# Certification of Condition Monitoring
Small and micro wind turbines	P20-AA-14, Rev. 1	2011-02	Certification of Small Wind Turbines Zertifizierung kleiner Windenergieanlagen
Small and micro wind turbines	IEC 61400-2	2006-03 Ed. 2.0	Wind Turbine Generator Systems -Part 2: Safety of Small Wind Turbines
Small and micro wind turbines	IEC 61400-2	2013-12 Ed. 3.0	Wind Turbine Generator Systems -Part 2: Safety of Small Wind Turbines
Small and micro wind turbines	MCS 006, Issue 1.5	2009-07	Product Certification Scheme Requirements: Micro and Small Wind Turbines, DECC (Department of Energy and Climate Change), UK 2009 (Produktzertifizierungsanforderungen: Kleinund Mikro- Windenergieanlagen, DECC, UK 2009)
Small and micro wind turbines	MCS 010, Issue 1.5	2009-12	Product Certification Scheme Requirements: Factory Production Control Requirements, DECC UK 2008 (Produktzertifizierungsanforderungen: Anforderungen an Kontrollen von Fertigungsstätten, DECC, UK 2008)
Small and micro wind turbines	MCS 011, Issue 1.4	2009-01	Product Certification Scheme Requirements: Acceptance Criteria for Testing Required for Product Certification, DECC UK 2008 (Produktzertifizierungsanforderungen: Annahmekriterien für zur Produktzertifizierung erforderliche Prüfungen, DECC, UK 2008)

Small and micro wind turbines	BWEA Standard	2008-02	Small Wind Turbine Performance and Safety Standard (Leistung und Sicherheit kleiner Windenergieanlagen, Standard)
Small and micro wind turbines	AWEA Standard 9.1	2009	Small Wind Turbine Performance and Safety Standard (Leistung und Sicherheit kleiner Windenergieanlagen, Standard)