

# Legal Framework

## Act 73 on the technical certification of wind turbines section 11:

*(1) Companies that certify wind turbines and wind turbine projects, including quality management systems for manufacture, erection, maintenance and service pursuant to this Executive Order shall be*

- 1. accredited by the Danish Accreditation and Metrology Fund (DANAK)*
- 2. accredited by a similar, recognised foreign accreditation company which is a signatory to the EA MLA (Multilateral Agreement of the European co-operation for Accreditation)*
- 3. approved by the Danish Energy Agency pursuant to Annex 3 to carry out certain tasks as mentioned in subsection (3); or [..]*

*(2) It shall appear from the accreditation documentation for certifying companies that this act has been covered by the accreditation. Similarly, it shall appear from certificates to companies that carry out maintenance and service that this act has been covered by the certification.*

*(3) Companies that have been approved by the Danish Energy Agency on the basis of documentation for the required qualifications may carry out*

- 1. type and prototype certification of wind turbines with a rotor area of 200 m<sup>2</sup> or less, cf. sections 5 and 6 and Annex 1*
- 2. project certification of wind turbines onshore with a rotor area of more than 200 m<sup>2</sup>, cf. section 7; and*
- 3. certification for modification, relocation and use for testing and demonstration of wind turbines onshore, cf. section 8.*

*[..]*

*(5) Approvals issued by the Danish Energy Agency to carry out certification as mentioned in subsection (3), nos. 1-3, shall be granted for up to three years on the basis of an application with documentation for knowledge about the certification of wind turbines, cf. Annex 3, after which time they may be renewed on the basis of an application with documentation for certifications carried out in the most recent approval period. Approvals issued to carry out maintenance and service as mentioned in subsection (4), shall also be granted for up to three years on the basis of documentation as stipulated in Annex 2, points 2 and 3, after which time they may be renewed on the basis of an application with documentation for maintenance and service carried out on wind turbines in the most recent approval period.*







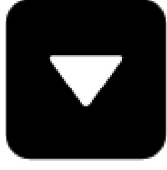
*(6) All companies that perform wind turbine certifications and maintenance and service, and wind turbine owners that have been approved to carry out maintenance and service on their own wind turbine pursuant to this Executive Order, shall be registered with the Energy Agency's Secretariat for the Danish Wind Turbine Certification Scheme. For accredited and certified companies, valid documentation for certification and renewal of certification shall be enclosed with the registration request.*



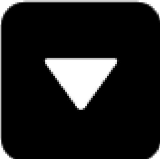
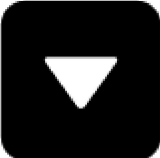
# Implementation and Compliance

Companies that meet the above accreditation or licensing requirements and wish to be on the list, must submit valid accreditation to the Energy Agency's Secretariat for the Danish Wind Turbine Certification Scheme. It is the company's own responsibility to ensure that the Energy Agency's Secretariat for the Danish Wind Turbine Certification Scheme is always in possession of valid documentation and companies will automatically be removed from the list when the certificate expires.

## Rules & Standards



# Certification of Wind Turbines types and Projects

Company (/umbraco/surface/GridDataSurface	O. typ cer	O. pro cer	O. typ cer	O. pro cer	S.. <4	S.. <2	C..	S..	Valid from	Issued by
 <u>Lloyds Register</u> <u>Verification</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	31. Dec 2018 31. Dec 2022	UKAS
 <u>TD Engineering</u> <u>ApS</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	01. Jun 2018 01. Jun 2021	Energistyrelsen
 <u>TÜV Süd Industri</u> <u>Service GmbH</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20. Apr 2018 19. Apr 2023	DAkKS
 <u>DNV GL</u> <u>Renewables Certification</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	07. Jun 2018 06. Jun 2023	DAkKS
 <u>TÜV NORD CERT</u> <u>GmbH</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19. Oct 2018 19. Oct 2023	DAkKS
 <u>DTU Vindenergi</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	01. Jul 2019 01. Jul 2022	Energistyrelsen
 <u>Nordic Wind</u> <u>Consultants ApS</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	01. May 2019 01. Jan 2022	Energistyrelsen

 <u>Siemens Gamesa</u> <u>Renewable Energy A/S</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	01. Dec 2018 13. Jun 2021	Energistyrelsen
 <u>Vestas Northern</u> <u>Europe A/S</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	27. Jun 2019 31. Dec 2021	Energistyrelsen
 <u>DEWI-OCC</u> <u>Offshore and Certification</u> <u>Centre GmbH</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15. Nov 2019 15. Nov 2023	DAkKS
 <u>Bureau Veritas</u> <u>Certification France</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11. May 2020 30. Apr 2025	COFRAC

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## Measurements

Company (/umbraco/surface/GridDataSurface	Po... curve	Load measu	Bl... test	Po... quality measu	Valid from	Issued by
 <u>GL Garrad</u> <u>Hassan Deutschland GmbH</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15. Nov 2017 14. Nov 2022	DAkKS
 <u>Blade Test Centre</u> <u>A/S (Blaest)</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	28. Aug 2018 30. Nov 2020	DANAK

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## Kontakt

### Energistyrelsens Godkendelsessekretariat for Vindmøller

Carsten Niebuhrs Gade 43

1577 København V

Denmark

[vindmoellegodkendelse@ens.dk](mailto:vindmoellegodkendelse@ens.dk) (mailto:vindmoellegodkendelse@ens.dk)

## Links

Danish Energy Agency (<https://ens.dk/en>)

Vindinfo (<http://vindinfo.dk/english.aspx>)

Energinet (<https://en.energinet.dk/>)

Danish Working Environment Authority  
(<https://amid.dk/en>)

Danish Nature Agency  
(<https://eng.naturstyrelsen.dk/>)

Danish Environmental Protection Agency  
(<https://eng.mst.dk/>)

DTU Wind Energy  
(<https://www.vindenergi.dtu.dk/english>)