

OFFSHORE WIND SERVICES

Securing compliance, reducing cost and managing risk across your entire offshore wind project lifecycle

From the initial feasibility assessment to the engineering design review, supervision of construction, vendor management, and operational troubleshooting, Intertek's wind team is on call to help create profitable green energy with minimum technical risk.



SITE SELECTION

Our global network of wind specialists offers support at every stage of an Offshore Wind Farm's (OWF) life.

Our Services

- 3D Laser Scanning & Dimensional Control
- Cable Repair Inspection Services
- Client Representation
- Concrete & Soil Testing
- Corrosion & Material Failure Inspection & Services
- CT Scanning of Turbine Components
- Design & Planning Verification
- Development of Supply Schedules
- Dimensional Control & Interface Engineering
- Electrical Testing
- End of Warranty Inspection & Maintenance Support
- Environmental Assessment & Permitting
- Equipment FAT Testing
- Failure Investigation, Technical Troubleshooting & Forensic Engineering
- Incoming Goods QA Inspection
- Independent Supervision at Assembly & Construction Site for Foundations (jackets, monopiles, TPs and floaters), Blades & Other High-Value, Critical Components
- Infrared Blade Testing
- Installation Supervision



ENGINEERING DESIGN

- Management of Procurement Activities
- Marine Cable Route Feasibility & Burial Assessment
- Marine Cable Supply & Installation Contract Strategy
- Marine Survey Management & Representation
- Material Selection & Corrosion Management Advice
- Materials Testing
- Modelling & Metocean Information
- NDT Services – In-House or On-Site
- Owner's Engineer
- Project Management Assistance
- Quality Management of Long Lead Time Items
- SAT Services
- Site Management Services
- Site Selection & Characterisation
- Turbine Oil & Bearing Oil Condition Monitoring
- Various Lab Services
- Vendor Management
- Weld & Coating Inspection of Foundations

Key Memberships

- American Clean Power Association
- European Subsea Cables Association
- Renewable UK
- WindEurope



CONSTRUCTION



OPERATION

Our Certifications

- ISO 9001
- ISO 14001
- ISO 17020
- ISO 17024
- ISO 17025
- ISO 17065
- ISO 45001

Key Offshore Wind Locations

- London – Headquarters
- Facilities in China, Denmark, Germany, Poland, Scotland, Taiwan, UK, USA
- 1000+ Global Offices & Labs

Offshore Wind Projects – Examples*

- Albatros
- Bard
- Beatrice
- Deutsche Bucht
- East Anglia
- Empire Wind
- Global Tech
- Greater Gabbard
- Gwynt y mor
- Hornsea
- Hywind Tampen
- London Array
- Nantong Zhongji
- Neart na Gaoithe
- Vineyard
- Other



END-OF-LIFE/ RETROFIT/ TROUBLESHOOT

FOR MORE INFORMATION



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*Intertek has supplied some, not all, services listed directly and/or indirectly.