

Wind activity



Specialist in the energy transition to improve the reliability, performance and efficiency of your wind farms

johncockerill.com/services



Technological solutions to meet the needs of our time

John Cockerill group combines technologies and expertise to perfect solutions on a large scale.

From simple parts repair to the complete overhaul of facilities, John Cockerill Services also provides maintenance, advice, guidance, specific studies and expertise for operational management and for technical, economical and environmental performance improvement of its customer's industrial equipment with the help of a staff of more than 3.000 professionals.

John Cockerill is able to call upon a network of local intervention units, with fully equipped workshops and technology centers in countries all around the world.



John Cockerill Services is the unique ISP with a **proven experience in industrial maintenance for more than 200 years** with a multi-equipment and multi-sector support.

Our offer in Wind turbines maintenance

John Cockerill Services is active in the wind energy sector since 2008 providing a wide range of services to its customers with multi-technology - onshore and offshore - and multi-brand specialists.

- Maintenance work according to OEM specifications
- Gearbox oil analysis
- Visual blade inspection
- Reporting
- Improvement of wind maintenance plan



SCHEDULED

- Failure finding, Troubleshooting
- Small corrective maintenance
- Major corrective maintenance
- Capabilities for mechanical repairs (welding, machining...) on-site or in workshops



CORRECTIVE

- Rotor blade surface repairs
- Gearbox oil change
- Retrofits/Upgrades
- Revamping
- Reliability improvement through upgrades of mechanical parts with High Failure Rate



SPECIFIC WORKS



SPARE PARTS & CONSUMABLES multi-brand supply



INSPECTION & EQUIPMENT MONITORING

- Management of lift, crane, hoist, ladder & anchor points checking
- Blades inspection with optical devices
- Gearbox CMS & videoendoscopies
- Vibration analysis management
- Oil analysis
- Thermographic analysis
- Alignment of the generator
- Generation of reports by turbines and executive report

A fully certified and experienced team close to your needs

Your Needs, Our Solutions

- John Cockerill policy of continuous improvement
- Improved availability
- Improved reliability
- Life time extension
- Performances monitoring
- LCOE reduction
- Costs optimization
- Long term partnership

Experienced team

John Cockerill has trained a team with a high level of technical skills, flexible attitude and multitasking capabilities including:

- Project managers
- Site supervisors
- Vessel coordinators
- Planners
- QHSE managers
- QHSE inspectors
- Handling and lifting specialists
- Electro-mechanical experts with a specific electrical qualification for Wind Energy Converters
- Reliability experts
- Welders
- Rope access team (IRATA's proven method)

Trained team

John Cockerill team:

- is familiar with our HSE management system, risk assessments, non-conformity reporting, method statements and works accordingly
 - is working at Height Medical approved
 - is trained for:
 - First aid, Work and rescue at height,
 - Fire awareness, Manual handling (GWO standards)
 - Electrical works according to local norms
 - HV switching
 - Hydraulic for WTG
 - High pressure hydraulic tools
 - Lifting operations
 - Confined spaces
- And for offshore activity :
- Helicopter Underwater Escape Training (HUET)
 - Helicopter winching
 - Compressed Air Emergency Breathing System (CA-EBS)



Safety first!

- Safety and Technical trainings are our **PRIORITY** to provide services of high quality
- Safety is not only a process but is a part of the Wind team culture
- Many of our customers have joined our Safety Culture Health Improvement Campaign program and work with the 5 Golden Rules system

Quality, environment and safety Fully certified!

- ISO 9001 certification
- ISO 14001 certification
- OHSAS 18001 & ISO 45001 certification
- VCA**(SCC**) certification
- MASE certification



Our references



Worldwide activity & contacts



John Cockerill Services

Brazil

Wind Turbine Maintenance & Blades repair

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John Cockerill Services

France

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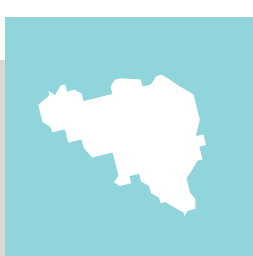


WIND

Spain

Multi-brand spare parts & consumables

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Wind Turbine Maintenance

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