



Shaping a World of Trust

*Our Mission & Ambition are **Shaping a World of Trust**. A business to business to Society Company, contributing to transforming the world we live in. Guaranteeing quality, ensuring Health and Safety, mitigating risks and improving performance as well as environmental protection and social responsibility ... This is what Bureau Veritas is about, truly believing that it contributes to bettering society.*

*Our Absolutes are **Ethics, Safety and Financial control**; and our Core Values are **Trusted, Responsible, Ambitious & Humble, Open & Inclusive**. We strongly believe that you are here more than just working, being part of the BV family, it's being convinced that you will "**Leave your mark... in Shaping a World of Trust**".*

Job Description : **Wind Power – Technical Center Leader**

Reporting : **Technical Manager**

Role

As part of BVs global Power & Utilities business we are looking for an outstanding candidate to join our Renewables Technical Center network. Based in Hanoi or Ho Chi Minh, Vietnam, this is an exciting role to leave your mark in building a low carbon world

Tasks – Activities – Responsibilities

Feasibility studies:

- Preliminary site assessment (land & infrastructure availability, topographic, geological aspects, grid connection, environmental aspects) & siting support
- Preliminary wind resource & energy yield assessment
- Permitting/licensing assessment
- Technology selection assessment

Wind resource / energy yield calculations & site assessment

- Wind measurement data processing & verification (incl. long-term adjustment)
- Energy yield calculation & verification (site-specific factors, loss calculations, wake modelling, performance modelling (P50/P90) through WindPRO (or equ.))
- CFD & mesoscale modelling (incl. uncertainty assessment)
- Energy yield forecasting (measure-correlate predict methods / regression models)

Design review & engineering support

- System review and review of individual components (Blades, nacelle, gearbox, generator, tower, foundations, MV cabinets, cabling, HV/MV sub stations, etc.):



Basis of design (environmental data + wind resource), wind farm sizing & micro-siting, general layout

- Civil, structural & electrical design review & verification
- Preparation & review of testing & commissioning procedures
- Technology assessment
- Preparation of technical specifications & scope descriptions

Testing & inspection result interpretation & assessment:

- Interpretation and assessment of inspection results of main wind turbine components
- Interpretation and assessment of performance tests
- Analysis of defects and degradation

Technical due diligence

- Document review (design review, as built documentation, EPC contracts, gap analysis)
- O&M review (verification of availability data, O&M processes & documentation)
- Performance evaluation (historical data analysis, yield assessment & forecast)
- Preparation of technical due diligence reports incl. results from field inspection visits

Candidate Profile

- Education in engineering (master or equivalent)
- Min of 10 years of experience related to development, engineering and design of renewable power projects
- Min of 5 years of experience in wind farm design
- Proven track record in delivering large-scale wind projects
- Deep technical knowledge of the wind sector, related industry-best-practices and relevant technical norms and standards

Technical and professional skills

- Familiarity with wind farm simulation software packages (WindPro etc.)
- Familiarity with electrical design analysis software (ETAP or eq.) and structural design & load analysis (LMS, Nastran, Ansys, Abaqus, STAAD or eq.) is an advantage
- Fluent in English
- Strong communicator
- Strong ability to set priorities and follow through



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- Hands-on mentality
- Stamina & resilience
- Autonomy, self-direction & confidence
- Team player with collaborative attitude
- Strives for excellence
- Customer-centric thinker

Professional behaviors

- Understanding Company's Code of Ethics.
- Sensitive to company policies and results driven
- Exhibits good credibility
- Autonomous, team work and team builder. Dynamic, enthusiastic, adaptable, persistent.

Employee

N+1

Name:

Date:

Name:

Date: