

Power distribution & Controls Engineer

工作职责

- Ensure the reliability, availability, and safe operation of electrical power distribution systems, including 115 kV and 22 kV substations.
- Monitor system performance and lead troubleshooting activities to minimize power interruptions and equipment failures.
- Develop and implement reliability improvement initiatives for critical electrical infrastructure.
- Support power system expansion, modification, and upgrade projects.
- Ensure the reliability and effectiveness of power protection systems, including protective relays, circuit breakers, transformers, CTs, VTs, and associated control systems.
- Develop and execute preventive and predictive maintenance programs for protection relays and protection equipment.
- Review, analyze, and optimize protection coordination studies and relay settings to ensure system selectivity and fault isolation.
- Investigate protection system malfunctions, nuisance trips, and electrical incidents, and implement corrective actions.
- Coordinate periodic testing, calibration, and verification of protection devices to ensure compliance with engineering standards and operational requirements.
- Maintain protection system documentation, relay settings records, and single-line diagrams.
- Develop, implement, and continuously improve preventive and predictive maintenance programs for substations, switchgear, transformers, and electrical distribution equipment.
- Coordinate maintenance activities to maximize equipment reliability and minimize downtime.
- Analyze maintenance data and reliability indicators to identify improvement opportunities.
- Support energy audits, sustainability programs, and corporate energy management objectives.
- Provide technical support for utility systems and infrastructure to ensure reliable operation.
- Support troubleshooting, maintenance, and improvement activities for utility equipment and facilities.
- Ensure all power distribution, protection system, and utility activities comply with ESH regulations, electrical safety standards, and company requirements.
- Conduct risk assessments and support implementation of electrical safety programs, including LOTO, arc flash, and safe work practices.

职位要求

- Bachelor's Degree or higher in Electrical Engineering (Power Systems



职位号码

REF97794G

工作职能

工程

所在地

Plauk Daeng

领导力级别

个人贡献者

工作场所灵活度

现场办公

法律实体名称

Continental Tyres Co., Ltd.

preferred).

- Minimum 5 years of experience in electrical power distribution, substations, and industrial electrical systems.
- Experience with medium- and high-voltage systems (22 kV and 115 kV).
- Hands-on experience in power system protection, protective relays, switchgear, transformers, and circuit breakers.
- Experience in preventive and predictive maintenance programs for electrical equipment.
- Experience in troubleshooting and root cause analysis of electrical system failures.
- Experience in industrial utility systems and energy management programs is preferred.
- Experience with fire alarm and fire protection systems is an advantage.
- Strong knowledge of power distribution systems, substation operation, and electrical protection coordination.
- Knowledge of protective relays (e.g., SEL, ABB, Siemens, GE, Schneider) and relay testing practices.
- Understanding of power system studies, including load flow, short-circuit, and protection coordination.
- Familiarity with electrical standards and regulations such as IEC, IEEE, NFPA, and local utility requirements.
- Knowledge of energy efficiency and energy-saving technologies.
- Strong understanding of ESH requirements and electrical safety practices.
- Knowledge of LOTO (Lockout/Tagout), Arc Flash Protection, Electrical Risk Assessment, and Permit-to-Work systems.
- Ability to ensure compliance with company standards, legal requirements, and safety regulations.
- Good command of English.

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- Flexible working program
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关于我们

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generated sales of €19.7 billion in 2025 and currently employs around

78,000 people in 54

countries and markets.

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performance for more than 150 years and is one of the world's largest tire manufacturers. In fiscal

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