

Power distribution & Controls Engineer

Tus actividades

- 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.

Tu perfil

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



Job ID
REF97794G

Área de trabajo
Ingeniería

Ubicación
Plauk Daeng

Nivel de liderazgo
Autoliderazgo

Flexibilidad laboral
Onsite Job

Unidad jurídica
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.

Lo que ofrecemos

What We Offer

- Free lunch, uniform and company transportation
- Housing allowance
- Performance bonus
- Provident fund
- Flexible working program
- Family health care program
- Group insurance (medical, dental)
- Inclusive and diverse culture
- Good health and wellness program (e.g., sport clubs, fitness)

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