

Power distribution & Controls Engineer

Your tasks

- 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.

Your profile

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



Job ID
REF97794G

Field of work
Engineering

Location
Plauk Daeng

Leadership level
Leading Self

Job flexibility
Onsite Job

Legal Entity
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.

Our offer

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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About us

Continental is a leading tire manufacturer and industry specialist.

Founded in 1871, the company

generated sales of €19.7 billion in 2025 and currently employs around 78,000 people in 54

countries and markets.

Tire solutions from the **Tires group** sector make mobility safer, smarter, and more sustainable.

Its premium portfolio encompasses car, truck, bus, two-wheel, and specialty tires as well as smart solutions and services for fleets and tire retailers. Continental has been delivering top

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

2025, the Tires group sector generated sales of 13.8 billion euros.

Continental's tire division

employs more than 55,000 people worldwide and has 19 production and 16 development sites.