

Saudi Arabia Jobs Expertini®

Senior Electrical Engineer - ETAP modeling

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Company: Client of Matcha Talent

Location: Saudi Arabia

Category: architecture-and-engineering

This role required candidate to permanently relocate at Dhahran, Saudi Arabia.

About the Company

This company engages in the exploration, production, transportation, and sale of crude oil and natural gas. It operates through the following segments: Upstream, Downstream, and Corporate. The Upstream segment includes crude oil, natural gas and natural gas liquids exploration, field development, and production. The Downstream segment focuses on refining, logistics, power generation, and the marketing of crude oil, petroleum and petrochemical products, and related services to international and domestic customers. The Corporate segment offers supporting services including human resources, finance, and information technology. The company was founded on May 29, 1933 and is headquartered in Dhahran, Saudi Arabia.

Job Summary

We are seeking an Electrical Engineer to join our Global Manufacturing s Assets Technical Solutions Department (ATSD). ATSD is a multi-disciplinary organization with interface to technical, and in some cases business, support requirements of Domestic Refining & NGL Fractionation Admin Area and This Company Affiliates. Its function caters mainly to the technical needs of Global Manufacturing, operating facilities management, and driving the performances of operating facilities in executing corporate programs and initiatives towards operational excellence and value creation. Your primary role will be to develop plans and processes to ensure facilities electrical equipment and systems throughout its lifecycle to

reduce safety, environmental and economic risk, while maintaining compliance with all applicable codes and standards. You will also be responsible for providing technical support on high priority electrical issues.

Responsibilities:

- Develop and maintain a lifecycle management program and database for critical electrical equipment.
- Manage and maintain the corporate arc flash hazard mitigation program and conduct audits.
- Provide technical expertise and participate in failure investigations to capture outcomes and share them with other facilities to eliminate recurring electrical equipment failures.
- Develop and manage centralized service contracts for critical assets such as UPS, ATS, Battery Charger, Excitation, and MV cables testing.
- Manage the performance of Cogeneration assets and lead technical programs, studies, and assessments.

Requirements:

- This role required candidate to permanently relocate at Dhahran, Saudi Arabia.
- Bachelor s degree in Electrical Engineering.
- Minimum of 15 years of experience in refining/petrochemical industries.
- Preferred experience in performing electrical power system studies utilizing ETAP modeling.
- Essential familiarity with electrical maintenance and troubleshooting practices for industrial electrical systems.
- Experience with specification, application, and maintenance of up to 15kV class electrical equipment.
- Preferred knowledge of power generation (cogeneration), power distribution, and power automation.
- Familiarity with electrical safety, arc flash hazards mitigation, hazardous area classification, power generation, distribution, and protection, motors and motor controls, AC/DC systems, electrical studies, and industry standards (NEC, IEC, NFPA, IEEE, NEMA, API, etc.).

Desired Candidate Profile

Education:

Bachelor of Technology/Engineering(Electrical)

Gender:

nm

Nationality:

Any Nationality

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