



Job Description

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Job Title Senior (LV/HV) Certified Electrical Technician	Job Location Dar es Salaam	Category -
Job Type Full Time	Job level Senior Manager	Industry Electric Utilities
Open to Expatriates Only Open to Tanzanian Nationals		

Minimum Requirements

Min Budget -	Max Budget -	Primary Industry Electric Utilities: 10 Years
Secondary Industry -	Primary Category -	Secondary Category -
Certificate -	Qualification -	

Summary

Electrical Technician will be supported by back office Electrical Engineer for electrical activities, and they will be site managed by site operations lead regarding site responsibilities for PS1 perimeter or PS4 perimeter or PS5 perimeter. Electrical technician who will be located at MST will be under direct site authority of Maintenance superintendent. Electrical technicians will be in charge to the electrical maintenance activities in defined perimeter. Electrical Technician will report to Electrical Engineer.

According to the perimeters, the electrical technicians will be subject to travel to remote sites.

Depending on the assigned perimeter, Senior Electrical Technician will be required to travel to remote sites.

He/she is responsible for maintenance and inspection activities within the assigned area.

EACOP electrical equipment type are mainly:

- Pump package driven by electric VFD motor up to 2 M Watts.
- Electrical Control Panels, MCC, Switchgears, PLC's, VFD's, MoV's, & CB's,
- Diesel generators (4 M Watts)
- MVs, HV & LV Systems
- Hydraulic systems (loading arms, Gangway, accumulator, etc)
- Actuated valves up to 30" diameters
- Building electrical wiring system and lighting system
- Air Compressors
- Nitrogen generator
- Fire Heater, Heat Exchanger, Electric Heater

Responsibilities

- Monitoring day-to-day Operations and Maintenance (Round) of the Standby Generators, UPS, BESS, Grid supply and Solar

systems for Crude Oil Pipeline facility.

- Assist in Monitoring, troubleshooting and diagnosis of complex electrical systems including MV & LV switchgears, VFD, 3 phase motors and controls, AC & DC batteries, control circuits motors.
- Assist in execution of major maintenance of equipment and fixtures, such as motors, emergency diesel generators, circuit breakers, and fuse boxes, control relays.
- Execute all Preventive Maintenance (PM), Corrective Maintenances (CM) activities (both planned and unplanned maintenances of electrical equipment so that to ensure optimization of equipment efficiency and availability) for the electrical systems.
- Report in Work Orders system (CMMS), activities done and anomalies.
- Ensure the electrical maintenance of equipment, plant and associated systems/facilities are carried out in a safe and effective manner.
- Respond as appropriate to any electrical system upsets and emergencies.
- Ensure high standards of housekeeping and safe work practices in and around the work areas.
- Promote and implement company safety, health, and environment policies.
- Ensure that maintenance activities are performed in strict compliance with COMPANYs current safety rules and operating procedures and in accordance with best industrial practices/standard.
- Ensure effective implementation of electrical annual maintenance plan for the MST and crude oil facilities.
- Carry out fault-finding (troubleshooting) and diagnosis of problems affecting plant system and propose corrective action/measures to anticipate and prevent downtime or re-occurrence.
- Participate in Maintenance Campaign Activities during routine planned or emergency maintenance of campaign perimeter area and ensure it is done safely and efficiently.
- Assist in Preparation of daily and weekly maintenance reports.
- Assists in the Preparation of Procedures for operation and shutdown instructions.
- Contribute to HSE performance in line with company objectives.
- Assist in the preparation of the Work Packs, Permits to Works, Risk Assessments and Toolbox Talks for the maintenances.
- Provide feedback regarding site operating Procedures (SOP's) as to improve procedure.
- Effective implementation and execution of annual electrical maintenance plan for the dedicated perimeters.
- Provide feedback regarding spare parts and consumables stock level or other issues.

Education & Qualifications

- Possession of Ordinary Diploma or Full Technician certificate (FTC) in electrical engineering or similar
- Possession of a valid **Class A or B** of EWURA Electrical License is a must.
- Proficiency in Oral and written English

Requirements

- 10 years of experience in Oil & Gas industry, power generation and mining industries.
- MS office good experience.
- HV, MV and Power plant distribution experience.
- Experience with transformers, switchgear, MCCs, UPS systems, generators, battery systems, and protection relays
- Experience with CMMS (Maximo, SAP etc.) and maintenance reporting

Characteristics

- Fully comply with Company H3SE (Health, Safety, Social, Security & Environment) policies and Life Saving Rules.
- Actively participates in HSEQ and promotes this culture to co-workers.
- Remain vigilant and maintain continuous awareness of potential unsafe conditions.
- Communicate to management any HSE related concerns and ways to improve them.
- Maintain a workplace & workspace that is safe, clean, and always neat – practice good housekeeping.

Reporting To

N+1: Electrical Engineer & site operation Lead for PS4 or P5

N+ 2: Head of Maintenance and Inspection

Driving Licence

Not Required

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