



PR/158529 | ELECTRICAL & INSTRUMENT ENGINEER

Job Information

Recruiter

JAC Recruitment Malaysia

Job ID

1559169

Industry

Other (Manufacturing)

Job Type

Permanent Full-time

Location

Malaysia

Salary

Negotiable, based on experience

Refreshed

November 18th, 2025 16:01

General Requirements

Career Level

Mid Career

Minimum English Level

None

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Our client, Oil & Gas based company, is looking for experience Electrical & Instrument Engineer

Responsibilities

- Responsible for the reliability and safe maintenance practices of ASU E&I equipment including HV/MV/LV switchgear, transformers & motors, heaters, UPS systems, variable frequency drives, earthing network, instrumentation, SIL loops, analyzers, control valves & metering systems.
- Supports implementation, management, and optimization of PGSSB Computerised Maintenance Management System (CMMS), SAP, for aforementioned E&I equipment.
- Supports the maintenance planning and scheduling processes of preventative and corrective maintenance to maximize E&I equipment reliability and minimize downtime.
- Develops E&I reliability and maintenance documentation and owns this process.

- Leads introduction of E&I maintenance-related initiatives to improve safety, reliability, and efficiency of ASU assets.
- Uses E&I knowledge to support troubleshooting associated with process upsets or unplanned shutdowns.
- Supervises and/or performs E&I maintenance tasks conducted by the ASU E&I reliability team or external contractors as and when required.
- Supports site audits and RCFA activities. Is responsible for and closes out allocated corrective actions from such activities.
- Supports annual maintenance budgeting processes and achieves targets.
- Identifies and proposes safety, reliability, and efficiency improvement projects lead scope development and business case approval (as applicable), and leads the execution of projects
- Supports the development of ASU turnaround scope and turnaround execution planning from an E&I perspective. Manages execution of E&I turnaround scope.
- Supports ASU spare parts processes, including MRP, warehouse management, and stocktake for E&I equipment.
- Works with PGSSB Supply Chain Manager to identify and engage new E&I goods and services suppliers. Successfully supports ongoing relationships with suppliers.
- Leads the implementation of predictive and condition-based E&I maintenance practices into ASU, including thermography, partial discharge monitoring, transformer oil analysis.
- Ensures function testing and calibration of E&I equipment is completed within the allocated time frame.

Education

- Bachelor's Degree in Electrical Engineering
- 5 years of operations and maintenance experience in ASU or related continuous processing plant environment
- Experience with CMMS systems, preferably SAP PM

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Company Description