

Position: Reliability Improvement Engineer – Instrument and Electrical [click here for apply!!](#)
Location: Rayong

Responsibilities

- Accountability to create and improvement the reliability procedures, standards, and best practices for instrument and electrical to ensure that they have been applied and complied all times.
- Accountability to manage and execute the MT-long term Electrical asset improvement or end of useful life to align on 5/10 years business plan.
- Accountability finding solution standard for inspection Cable medium volt aging, Transformer, Motor, Switch Gear.
- Preparing & checking basic engineering drawing for Process and Utility P&ID, Instrument Datasheets, Instrument Cable Schedule, Instrument List, Wiring Diagram, Logic Diagrams, Alarm & trip setpoint, Loop & Hook-up drawing, Load list, Cable list, Control I/O lists Schedule, Material takeoff, Inspection sheet, Datasheet, Cost estimates.
- Being responsible for instrument and electrical design & typical system for Petrochemical plant control & monitoring to follow company specifications and industry codes.
- Conducting the start-up/commissioning I/O, functional, performance, reliability testing of Instrument, Electrical and automation system.
- Supervising and managing the entire instrument and electrical (CM, PM).
- Monitoring the performance of contractors including coordinates system improvement activities with key persons. Troubleshooting & supervises technical and all site test & inspection.
- Performing process function sequence, PLC&SCADA.
- To ensure proficiency project management all aspects to engineering project, design and execution.
- Collaborating with maintenance and operation team.
- Analyzing root causes of Electrical and Instrument failures.

Qualifications:

- Bachelor's Degree in Instrument or Electrical Engineering.
- Age not over 29 Years old.
- Experience 3-5 years in Partial discharge, Tan Delta, Protection Relay, GC, Control Valve in petrochemical plant will be valuable.
- Experience at least 5 years in reliability engineering i.e., PDM, PM, Root cause analysis, Maintenance, Project, and utility of industry field.
- Experience of Failure Analysis & Reliability Improvement of Instruments & Electrical will be an added advantage.
- Understand in CMMS, FMEA, MTBF, MTTR, P&ID, OEE, Life Cycle Asset Management.
- Strong safety, environmental and quality attitude.
- Innovative, Coordination, Teamwork and Self-motivation.
- Proficiency in English communication with required TOEIC 550.

All information will be treated as confidential. Only short-listed candidates will be contacted for further interview

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