



## **JOB TITLE: Junior Instrumentation Engineer**

**On-site:** Mtwara, Mtwara Region, Tanzania, United Republic of DCP - Operations Full-time

### **Description**

#### **Job Summary**

- Installation, Testing, Operation & Maintenance, Trouble shooting of Instrumentation equipment's.
- Responsible for trouble free operation of assigned area to achieve optimum reliability and availability of equipment's.
- Job planning and execution.
- Implementation of safety measures and compliance of safety guide lines.
- Material management of assigned area for smooth plant operation
- Provides adequate maintenance support to reduce downtime
- Implements preventive maintenance schedule
- Maintains the maintenance records of equipment

#### **Key Duties and Responsibilities**

- Perform all work order maintenance, troubleshooting, and calibration of plant equipment as directed.
- Troubleshoot, inspect, test, maintain, repair, clean, and calibrate instrumentation and solid state and microprocessor-based control equipment including plant communications, equipment, programmable controllers, distributive control systems, generator excitation equipment, battery chargers, and semi-conductor devices.
- Repair or replace control devices such as switches, photo eyes, proximity sensors, pushbuttons, contractors, motor starters, transmitters, etc. as needed.
- Install control and measurement instruments on existing or new plant equipment.
- Use wide range of test equipment, including recorders, computers, control and tuning modules, PC based software analyzer programs, oscilloscopes, data analyzers, logistic test equipment, analogue and digital multi-meters, meggars and other test equipment, while performing tests to identify problems and to maintain and calibrate equipment to performance standards.
- Make regular inspection rounds of plant instrumentation, and control equipment
- Assist in developing detailed preventive and predictive maintenance procedures for plant instrumentations and control equipment
- Install, build, or modify plant instrument, and control equipment as directed by the Instrumentation Engineer or section Head
- Troubleshooting, repair and minor programming of various PLC control systems, frequently drives and other electrical equipment
- Participate in plant safety, health and environmental programs and observe safety in accordance with government and company standards
- Perform any other duties as may be assigned by the Section Head/ Engineers from time to time.

## **Requirements**

### **Academic/Professional Qualifications**

- Bachelor's degree of Science in Electronics and Communication Engineering.
- A minimum of two (2) years of work experience.

### **Skills and Competencies**

- Good knowledge in the use and maintenance of instrumentation equipment.
- Strong leadership and people management skills.
- Commitment to implemented safety and environment regulations
- Good data gathering and analysis skills.
- Baseline problem analysis and solving skills
- Creativity and an ability to think out of the box.

## **Benefits**

- Personal Health Insurance
- Pay Off Time
- Training and Development

**APPLY HERE**