



1. JOB TITLE: INSTRUMENTATION ENGINEER

Location: Mtwara Plant Tanzania, Mtwara Plant Tanzania

Company: Dangote Industries Limited

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

Qualification, Skills and Competencies

- Bachelor's degree of Science in Electronics and Communication Engineering or any other related field
- Minimum of three (3) years of experience, preferably in the cement industry.
- 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

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2. JOB TITLE: SENIOR MECHANICAL ENGINEER

Location: Mtwara Plant Tanzania, Mtwara Plant Tanzania

Company: Dangote Industries Limited

Job Summary

- Shall be a team leader to lead the Work Force and train them in operation and preventive maintenance of equipment's related to cement manufacturing.
- Shall introduce the technique of monitoring records and health and condition of the equipment.
- Will impart training to his team members to work safely and to keep the machines in good condition to meet the demand.
- Shall be responsible for all the spare parts planning and maintaining budgeted MTBF & MTTR for his section.

Key Duties and Responsibilities

- Operation & maintenance expert for pertaining to the mechanical equipment for production of cement like vertical roller mills and reclaimers.

- Lead the team of engineers for supervision of maintenance and timely completion of maintenance activity.
- To ensure the standard of quality standard are followed during maintenance work.
- Planning and implementing preventive & breakdown maintenance schedule of mechanical equipment's for improving overall reliability and safety of machinery.
- Conducting failure investigation and take corrective action to reduce equipment down time and maximum availability for plant operation.
- Allocation of manpower planning for daily monitoring, breakdown and shutdown works
- Preparing and maintaining check list.
- Preparation & maintain that spare inventory for smooth operation of cement production.
- Responsible for ensuring that plant equipments are in safe operating condition by conducting routine maintenance and scheduling needed repairs. SAP system for MM and PM module.
- Involving upgradation and modification of existing system for smooth operation of cement production.
- Responsible for ensuring that plant equipments are in safe operating condition by conducting routine maintenance and scheduling needed repairs SAP system for MM and PM module.
- Perform any other related jobs as assigned by Section Head or Head of Department

Academic qualification, Experience and Skills

- Bachelor of Mechanical Engineering or any related field
- At least 8 years of experience in Mechanical Maintenance, preferably Cement plant experience.
- SAP experience
- Good incident analysis skill
- Good knowledge of safety legislation and rules
- Good oral and written communication skill
- Supervisory skill
- Innovation & Creativity

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