



JOB TITLE: Process Engineer/CCR Operator

On-site DCP - Operations Full time PE-TZ-06/2025

Mtwara, Mtwara Region, Tanzania, United Republic of

Description

Job Summary:

The Process Engineer/CCR Operator will be responsible for monitoring and controlling various sections of the production line from the Central Control Room (CCR) at Dangote Cement Plc.

This role requires precision and adherence to standards in the cement production process. The Process Engineer/CCR Operator will provide relevant information and direction to patrollers and operators in the production line based on monitored operations, ensuring employee safety and compliance with prescribed standards and environmental regulations.

Key Duties and Responsibilities

- Monitor various sections of the production line from the Central Control Room (CCR).
- To ensure precision and adherence to standards in the cement production process.
- Provide relevant information and direction to patrollers and operators in the production line based on monitored operations in liaison with the shift coordination
- Monitor and control all sections of the plant process lines to ensure stable equipment operation, employee safety and compliance with prescribe standards and environmental regulations.
- Log in process data at specified intervals, documents and report operational activities accordingly.

- Ensure smooth operation of the crusher, raw mills, kiln, and cement mills by providing constant feedback and relevant guidance to shift coordinators, Engineers, Patrollers and Operators in the execution of the field work.
- Inform patrollers, Attendants and operators of failures, potential failure or trouble spots and provide direction for problem solving.
- Diagnose and troubleshoot potential operating problems, either in consultation with shift coordinators, Engineers and the section Head or independently when immediate action is necessary to ensure production resumes
- Continuously review the plant automation system and make recommendations for improvement based on leading practises
- Prepare detailed reports on the work undertaken in clear and concise manner
- Supervise casual staff to ensure all conveyors belts in the unit are clean and free from jamming
- Ensure cement and clinker production targets are achieved during respective shift.
- Perform any other duties assigned by the section Head /HOD

Requirements

Key Requirements

- Holder of BSc in Chemical and Processing Engineering or any related discipline.
- At least 3 years of working experience in relevant position.

Skills and Competencies

- Good communication skills both verbal and written (English and Swahili)
- Working knowledge of the cement production process
- Good knowledge of product quality parameters and quality control
- Good knowledge of crushing operations, equipment, and their functions
- Problem solving and analytical skills
- Good interpersonal and relationship management skills
- Good supervisory skills
- Ability to pay attention to details

Benefits

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

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