

Job Location: Kiambu

Position: Quality Control Technician

Department: Production

Industry: Productions Industry dealing with cabro, paving blocks, tiles, and terrazzo's.

Position: Quality Control Technician

We have an exciting career opportunity for a production quality control and quality technician based in **Kiambu** to be part of our client's production's department to elevate their business by ensuring the production of quality products to diligently serve our clients and meet our growth aspirations as a business.

Job Purpose

To ensure that all paving blocks and cabro products are manufactured, cured, and stored according to approved structural, dimensional, and aesthetic specifications before installation thus reducing reworks while ensuring compliance to quality control standards and continuous improvement systems.

Key Responsibilities

- Develop and implement quality control procedures for raw materials, production processes, and finished cabro products.
- Test and verify the quality of aggregates, cement, water, and raw materials before production.
- Monitor daily production to ensure consistency in size, strength, color, and end-products.
- Conduct and supervise tests (e.g., compressive strength, water absorption, curing quality)
- Conduct cube/block compressive strength tests, water absorption tests, and density tests on cured blocks.
- Inspect incoming materials such as cement, sand, and aggregates.
- Identify defects and implement corrective and preventive actions.
- Identify and isolate defective or broken blocks, managing the non-conformance reports.
- Maintain quality records, reports, and documentation.

- Ensure compliance with local standards and safety regulations.
- Train production staff on quality standards and best practices.
- Handle customer complaints related to product quality and resolve issues.
- Work closely with production and maintenance teams to improve processes.

Key Performance Indicators (KPIs)

- Reduction in product defects and rejects.
- Compliance with quality standards.
- Compliance with the select and agreed on curing periods and standards.
- Customer complaint resolution time.
- Consistency of product quality.

Qualifications & Experience

- Degree in Civil Engineering, Industrial Chemistry, or related field.
- 3–5 years' experience in concrete, construction materials, or manufacturing.
- Proficiency in using laboratory equipment for compressive strength, moisture content, and material density testing.
- Knowledge of concrete mix design and testing methods.
- Familiarity with quality standards and inspection procedures.

Skills & Competencies

- Strong attention to detail
- Problem-solving and analytical skills.
- Leadership and team management.
- Good communication and reporting skills.
- Knowledge of quality management systems (e.g., ISO standards)