

**BENARD KIPNG'ENO KOSKEI**

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Nakuru – Kenya

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+ 254 722 952 985

**B.Tech (Hons) Civil & Structural Engineering**

**Civil Engineer**

37 Years

Engaged with one child

valid Driving License

## **Materials – Geotechnical – Concrete – Quality Assurance/Quality Control - Projects**

### **SUMMARY**

- A highly talented, professional and dedicated Civil Engineer with twelve years' experience in Geotechnical Engineering, Materials Engineering, Quality Assurance and Control (QA/QC) planning, design and management of various project types.
- A dependable and organized Team Leader and player seeking to apply my talents to drive long term company growth.
- Career objective is to become an Expert in Materials and Geotechnical Engineering

### **WORK EXPERIENCE**

**Bamburi Cement Limited - Nairobi, Kenya.** (Technical Services Engineer)

**2015 – Present**

Tasked with the responsibility of maintaining high quality standards of Bamburi cement and ready-mix concrete products through review of production performance against internal quality parameters. Managing of the Bamburi Concrete laboratories (Central and mobile unit). Technical support to Key Accounts Projects and sales teams through evaluation of various project specifications and provision of effective cement and concrete solutions (Value addition propositions). Engagement of various stakeholders (Consulting Engineers, Contractors, Developers and relevant Government Agencies) on behalf of the Company

#### **Selected contributions:**

- Setting up of the Bamburi Cement's mobile concrete laboratory, the first in the East Africa
- Bring on board new and converting existing building and infrastructure Projects to using Bamburi products hence bringing in additional revenue of over KES 150 million in 2018
- Collaborated with process and production departments to develop and launch of new grade 42,5 blended cements (pozzolanic and slag cements) to the Kenyan market
- Continual review and optimization of Bamburi ready-mix concrete mix designs and development of specialized concrete (high flow concrete, fiber-reinforced concrete, waterproofing and self-compacting concrete) increasing cost savings and provision of products with higher profit margins
- Develop and review of laboratories quality management systems to ISO/IEC 17025 Standard with the objective of attaining accreditation status

*MS Office/MS Project/*

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**Toyo Construction Co Limited - Mombasa, Kenya. (Civil Engineer)**

**2013 – 2015**

MOMBASA PORT DEVELOPMENT PROJECT: Berth No. 20 and 21

Contract Package No. 1: Construction of Civil Works and Buildings

Responsible for reviewing continual stability of reclaimed land through surcharge application and consolidation settlement monitoring, analysis and prediction of expected total and residual settlements. Development of method statements and QA/QC management plans for construction of various pavement structures for the container terminal

**Selected contributions:**

- Developed proposals for use of available material (reclaimed sand) in development of subgrade and cement treated base course layers for the container terminal, effectively reducing the cost of execution of earthworks and significant reduction in construction duration of the container terminal pavement
- Supervised implementation of quality control plan for testing of pavement layers in container terminal and access roads together with analyzing of test reports prior to submission to Project Consultants
- Performed quality checks on materials provided for the container terminal pavement (interlocking paving blocks) through an elaborate testing program supported by Supplier's random production monitoring checks

*MS Office/MS Project/AutoCAD/*

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**Geo Con Limited (Geotechnical & Materials testing laboratory) - Nairobi, Kenya. (Civil Engineer)**    **2009 – 2013**

In charge of the geotechnical investigations, materials testing plans and processes within the laboratory. Concrete mix designs formulation to various specifications and raw materials. Review of test results and preparation of Engineering reports. Development and submission of tender documents, proposals and quotations for geotechnical investigation projects

**Selected contributions:**

- Procurement and commissioning of geotechnical drilling rigs and accessories, saving the company on subcontracting costs
- Development of geotechnical investigations and onsite laboratory testing proposals for the Lake Turkana Wind Power project comprising of 365 No. wind turbines, making it one of the biggest contracts executed by the Organization
- Planning and co-ordination of geotechnical investigations and onsite quality control process of development foundations for over 400 No. base transceiver stations within Kenya

*MS Office/MS Project/AutoCAD/Prokon/*

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**Geoff Griffiths & Associates (Materials Testing Laboratory) - Nairobi, Kenya. (Laboratory Engineer) 2007 – 2009**

Was in charge of the Materials Testing Laboratory and responsible for its daily management and Client liaison.

**Selected contributions:**

- Designed self-compacting concrete mixes Olkaria piling works and berth rehabilitation at the Kenya Ports Authority, which at the time was a new feat within the Country
- Designed optimized concrete mixes and enforced stringent quality control process for production of Ready-Mix concrete from the H-Young & Co. (EA) Limited, Industrial Plot batching plant ensuring high quality of product

*MS Office/MS Project*

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**City Council of Nairobi, City Engineers Office, Highway Department****June 2005 – August 2005**

(Trainee Engineer)

Involved in Inspection and Supervision of Road rehabilitation projects, conducting of road condition surveys and production of weekly Progress Reports.

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**PROFESSIONAL MEMBERSHIPS**

- Registered as a Graduate Engineer in Kenya, No. B7680  
Engineers Board of Kenya (EBK) 2013

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**EDUCATION & CERTIFICATIONS**

- Moi University: B. Tech Civil & Structural Engineering October 2007
- SCT 41: Advanced Concrete Technology Certification May 2016
- Utumishi Academy: Kenya Certificate of Secondary Education (K.C.S.E) December 2000

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**ADDITIONAL SKILLS**

- Exceptional computer skills.
- Highly adaptable and a team player with no difficulty working independently.
- Very articulate with an eye for detail and proven organizational, analytical and problem-solving skills