

EMMANUEL KIPKIRUI RONO

BSc. (Hons) Civil Engineering

Mobile No.: +254 719 431 064

Address: P.O. Box 130 Litein

e-mail: emmanuel9350@gmail.com

CAREER OBJECTIVES

A highly talented and dedicated Graduate Civil Engineer with knowledge in Geotechnical Engineering, Materials Engineering, Quality Assurance and Control (QA/QC) planning, design and management of construction practices.

Bamburi Special Products Limited. (Technical Services Support Executive) August**2021** – Present

Bamburi Special Products Limited is a wholly owned subsidiary of Bamburi Cement PLC a Lafarge company which is a member of Holcim – the global leader in the Building Materials Industry.

Responsibilities:

- Health and safety: Ensuring safe work rules and practices are understood, implemented and consistently followed by the department's employees and contractors
- Coordinating and participating in the optimization of mix designs by supervising continuous test programs, results analysis, interpretation and validation
- Preparation, documentation and reporting of laboratory results in a timely manner in the approved formats and validation of documents issued from the central laboratory for internal and external customers
- Implementation and promotion of the certification/ or accreditation of the laboratory as well as continuous implementation of local certification marks
- Participation in the identification of market opportunities and provide technical support regarding the use and application of value added products
- Following standard routine and non-routine laboratory procedures and test methods
- Directing and participating in the research, development and implementation of value added products
- Offering Technical support to customers and commercial teams

- Participating/collaborating with relevant industry organizations and stakeholders to promote the use of concrete and concrete value added products

Indoors East Africa Limited, Kenya. (Quality Control Manager)

June**2019** – July**2021**

Indoors East Africa is the licensed East African Distributor of Conmix, a very well known internationally established brand of construction chemicals and premix plasters.

Responsibilities':

- Coordinating Production of Admixtures and ensuring that products meet quality and efficiency standards, both local and International
- Facilitating communications between the management and the production department
- Following standard routine and non-routine laboratory procedures and test methods
- Recording test results, sample identification and other necessary information to ensure that quality records are maintained

Performing standards and control sample testing as required to ensure proper operations of testing equipment

- Evaluating and recommending changes to help improve test procedures and other lab policies
- Performing duties ensuring protection of personal safety as well as that of other personnel
- Inspecting and ensuring that there enough raw materials to facilitate production and reporting need of supplies prior to depletion
- Carrying out concrete mix designs and carrying out lab trial mixes with different admixtures to assess their performance and conformity to specifications
- Coordinating with clients in carrying out concrete trial mixes both at the lab and at the batching plant

Geo Con Limited - Nairobi, Kenya. (Materials engineer)

Jan**2018**-May**2019**

Geo Con focuses in Structural Engineering, Geotechnical Investigations, Materials Testing; Construction Engineering related Research and Innovation. Geo Con 'Designs and Builds'.

Responsibilities':

- Taking charge of the Geotechnical/Site Investigation Processes(Provided team leadership in various instances which enabled the team to complete the work within strict timelines)
- Coordination of Laboratory testing and analysis of test results
- Preparation of reports to be forwarded to the Supervising Engineer(s)
- Liaising with clients mainly Civil Engineering contractors and Consultants Some of the major projects handled include:
- Geotechnical Investigations, Materials Evaluation, Quality Assurance and Quality Control for the proposed
Container Terminal along the Nairobi Southern Bypass Southern Bypass for Civil Engineering Design Kenya Consultants
- Materials Evaluation and Quality Control for road Construction in the proposed Tilisi Mixed Use Development in Limuru, Kiambu
- Materials Testing and Quality Control for road Construction and Warehouses at the Proposed North Gate Logistics Park along Nairobi Eastern Bypass for D-manji Construction Company Ltd, Nairobi
- Geotechnical Investigations and Materials Resource Survey (Carried out several soil and concrete tests including tests on aggregates) and Concrete Trial Mixes for the proposed Thiba Dam-Mwea irrigation Scheme, Kirinyaga
- Geotechnical Investigations and Materials Evaluation in Kajiado East for Geoid Technologies
Geotechnical Investigations and Materials Evaluation for the proposed Residential Development for Tiles and Carpet Centre along Bendera lane in Westlands, Nairobi.
- Structural Integrity Survey and Analysis of a buildings Housing the Family Bank in Kajiado Town by carrying out Non-Destructive Testing i.e. Rebound Hammer and Rebar Scanning
- Geotechnical Investigation, Design and Quality Control of Structural Concrete of Ware Houses at TatuCityDevelopment

China Road and Bridge Corporation, Mombasa – Nairobi SGR project Kenya. (Intern)

FebJuly2016

China Road and Bridge Corporation (CRBC) is a subsidiary of Fortune Global 500 company China

Communications Construction Company (CCCC), focuses on global civil engineering and construction projects such as highways, railways, bridges, ports, and tunnels.

Responsibilities’:

- Survey Works
- Overseeing Bridge and Box Culvert Construction
- Performing Lab Tests on Soils and Concrete
- Writing of Construction Reports
- Reporting to the Senior Site Technologist
- Designing layouts and Cross-sections using AutoCAD software

**Cas Consultants (Consulting Civil and Structural Engineers) – Londiani-Muhoroni Road Project Kenya. (Intern)
May-August 2014**

Cas consulting Engineers is a leading professional services provider including Geotechnical, Building, and Structural and Civil Engineering projects, Site Investigations, Materials Surveys, Design and Quality Control Testing.

Responsibilities’:

- Materials Sampling and Testing
- Survey Works (Taking Levels)
- Inspection works: Inspection of earthworks, laying of sub-base (GCS) &DBM, structural and concrete works, Drafting Using AutoCAD

EDUCATION

- Technical University of Mombasa: BSc. Civil Engineering Dec 2017
- Tengecha Boys' High School: Kenya Certificate of Secondary Education (K.C.S.E) Nov 2011 •
- Kimori Academy: Kenya Certificate of Primary Education (K.C.P.E) Oct 2007

ADDITIONAL SKILLS/INFORMATION

- 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
- **REGISTERED GRADUATE ENGINEER (ENGINEERS BOARD OF KENYA REG NO. B17887)**

PERSONAL INFORMATION

Age: 28 Years

Status: Married

Nationality: Kenyan Good Health Driver

Hobbies and Interests: Traveling, Driving, Football, Basketball, Music,

REFEREES

1. STEPHEN MWANIA Managing Director, Geo Con Limited. Mobile: +254 721 976550 email: stephenmwanias@geocon.co.ke

2. ENG. GILBERT MANGA

Structural Engineer, Ministry of
Public Works. Mobile: +254
729479842 email:
gmanga555@gmail.com

3. PETERSON MWENDA

Roads Inspector, Kenya Rural
Roads Authority. Mobile:
+254 714 002148
email: petermsonmwenda.pm@gmail.com