

Nancy Wairimu Mungai

+254 714 196 690

nmungai@kplc.co.ke

Nairobi, Kenya 00100

PROFESSIONAL SUMMARY

Skilled Engineer with 8 years of Standards Development experience. Detail-oriented, organized and meticulous engineer. Enthusiastic team player ready to contribute to organization's processes to drive quality and minimize costs. Aims to lead in challenging environment and to use knowledge and skills to meet expectations of the organization and its client.

WORK HISTORY

01/2019 - Current

Kenya Power and Lighting Company PLC | Nairobi , Kenya
3rd Assistant Engineer

- Developed specifications of tools and equipment for customer service and network management teams.
- Revised specification on distribution , voltage and current transformers and energy meters.
- Evaluated tenders of conductors and cables, overhead line fittings, surge arresters, energy meters and distribution transformers.
- Developed and implemented process flow improvements and standardization projects.
- Implemented quality assurance and process audits to optimize customer connectivity to KPLC grid.
- Piloted ABB Low Voltage Switchgear at City Center Substation
- Read, interpreted and approved technical drawings, schematics and technical data of overhead line hardware fittings used for Last Mile Connectivity Project, Transformers for both KPLC and RE-REC, switchgear and customers schemes.
- Organized and conducted workshops on quality of materials and equipment in Coast and Mount Kenya Regions.
- Regularly reviewed goals and objectives with project management and design teams, facilitating continued project progress of County Boundary Metering project.
- Ensured design compliance with product specifications and standards requirements.
- Supervised and inspected work of 132kV transmission line and substation at RAI MDF Limited and 33kV Indoor Metering substation at Royal Steel Mills and Ziara Dairy Limited.
- Conducted physical and virtual Factory Acceptance testing of concrete poles, overhead line hardware fittings, insulators, expulsion fuses and fuse mounts, power and distribution



EDUCATION

06/2013

JKUAT | *JUJA*

Bachelor of Science: Electrical and Electronics Engineering - Heavy option

- Awarded First Class Honours.
- Awarded JKUAT Babaroa Trust Award for 2011/2012 and 2010/2011 Academic year
- Wrote thesis in the fifth year of study on Micro-controller based frequency control of a generator using magnetostrictive amorphous wire as a sensor.
- Member of Christian Union

12/2006

Kabare Girls High School | *Kirinyaga*

O-Levels: Kenya Certificate of Secondary Education (K.C.S.E)

- Attained a mean grade of A(Plain in K.C.S.E
- Member of Christian Union
- Elected Captain of [Library](#)

LANGUAGES

Kikuyu:

Native language

English:

C1

Advanced

Kiswahili:

C1

transformers, surge arrester and switchgear both locally and internationally.

12/2014 - 12/2018

Kenya Power and Lighting Company | Nairobi, Kenya

4th Assistant Engineer

- Developed specifications for tools and equipment used in Live Line work.
- Evaluated tenders of conductors and cables, overhead line fittings and transformer densification project.
- Implemented quality assurance and process audits to optimize customer connectivity to the grid.
- Piloted Single Wire Earth Return System in Nyandarua County.
- Read, interpreted and approved technical drawings, schematics and technical data of concrete poles, conductors, overhead line hardware fittings, transformers for Transformer Densification project.
- Ensured design compliance with product specifications and standards requirements.
- Inspected materials at the company stores and contractor's site before use in the Kenya Power System.
- Conducted physical Factory Acceptance testing of concrete poles, overhead line hardware fittings locally, power and distribution transformers in India.

11/2013 - 11/2014

Kenya Power and Lighting Company Plc | Nairobi, Kenya

Trainee Engineer

- Visited sites with engineer to support servicing and maintenance tasks.
- Learnt how to complete and file workplace documentation.
- Combined academic study with work placements to gain hands-on experience.
- Adhered to health and safety regulations.
- Carried out project tasks under supervision.
- Documented full details of work undertaken and training received supplemented by relevant engineering sketches and cross-referenced sources of information in a logbook provided by the company.

AFFILIATIONS

- Registered as a Graduate Engineer under membership number B7916 with Engineers Board of Kenya (EBK) since 31st July 2013.
- Registered as a Graduate Member under Membership number G.6502 with Institution of Engineers of Kenya (IEK) since 13th October 2017.

HOBBIES

- Table Tennis

Advanced

OTHER PROFESSIONAL TRAINING AND CERTIFICATIONS

- Standards Development Training
- Effective Team Management & Supervisory Course
- ISO 9001:2015 Lead Auditor
- Microsoft office

SKILLS

- Excellent verbal and written communication
- Team player
- Avid learner
- Critical thinker
- Adept at procurement regulations
- Quality Assurance
- Schematics and drawings understanding
- Specification development

- Hiking
- Scrabble

REFEREES

1) Dr. Eng. Peter Njuguna Kimemia
Manager, Standards Department at KPLC
Email: pkimemia@kplc.co.ke
Phone: +254 722 745 301

2) Eng. Prof. Christopher Muriithi
Acting Deputy Vice Chancellor Finance and Development at
Muranga University of Technology
Email: cmainamuriithi@gmail.com
Phone: +254 721 791 736