

PERSONAL PROFILE

Name: Michael Mukunzi Kivuoio

Gender: Male

ID Number: 27186174

Nationality: Kenyan

Mobile No. 0713387466 /0739091573

Email: kivuoiojunior@gmail.com

michaelkivuoio@yahoo.com

Postal address: P O Box 16 Kisasi-Kitui.

Languages: English and Kiswahili.

ACADEMIC QUALIFICATIONS

27th- 31st July 2018 – A certificate in Fire Marshall at Kenya Red Cross Training School

July 2017- A certificate in Basic First Aid at Kenya Red Cross Training School

2015 Feb to date: MSc program in Nuclear Science in the University of Nairobi, currently winding up my thesis titled ``**Determination of essential trace metals in soils and selected food crops in Kitui County by EDXRF Techniques**``.

2010-2014: University of Nairobi.

Field of Study: Bachelor of Science in Chemistry attained a second Class Upper Division

2004-2008: Kitui High School, attained a mean grade of B+ in KCSE.

1995-2003: Maangani Primary School scored 383 marks over 500.

Work experience

March 2021 to date: Fuels Quality Assurance Supervisor at KOKO Networks Limited

January 2020-March 2021: Quality Assurance supervisor at KOKO Networks Limited

September 2018 – January 2020: Quality Control Lead at KOKO Networks Kenya Limited

September 2017 – September 2018: Quality Assurance Analyst at KOKO Networks Kenya Limited

March 2017 – September 2017: Quality Assurance (QA) Technician at KOKO Networks Kenya limited

Roles and Responsibilities:

Development, implementation and reporting of testing protocols and quality assurance processes and procedures

Identification, participation in sourcing, calibration and maintenance of laboratory equipment's

Predictive, preventive and breakdown maintenance of the Smart Cook stoves and other KOKO hardware

Participation in development of the ethanol compatibility guidelines and specifications

Participation in the development and continuous improvement of the KOKO stoves and other hardware specifications documents

Training of interns and other new technicians in the specific department

Maintain service provider performance reports.

Support in establishing, implementing and documenting best practice processes in the stove and fuels laboratory

Contribute towards innovation and continuous improvement of the KOKO technology suite.

Key milestones achieved.

July 2018- Feb 2019 -Successfully spearheaded set up of the KOKO Fuels and Stoves laboratory

June 2018-Dec 2018-Participated in KEBS Technical Committee (KEBS/TC 048) on Industrial Solvents and Chemicals meetings in developing National Standards for Ethanol Fueled Appliances (KS 2759: 2018) and its subsequent revisions (KS 2838:2019) and Denatured Spirits Specifications (KS 591:2011).

June 2018- Nov 2018 - Successfully developed KOKO's Internal Fuel Spec among other fuel quality SOPs.

March 2017- Dec 2017 - Successfully tested and participated in KOKO Smart Cook Nairobi Soft Launch and later mass rolling out of these Bio-Ethanol cookers in the Kenyan market.

3rd May –Dec 2016 - Contracted at Chemical and Consultancy Unit, University of Nairobi Chiromo Campus, Clean Cook Stoves Testing Centre.

Duties: Clean and improved cook stoves testing for different clients (Water boiling test, emissions for CO, CO₂ and 2.5 particulates matter indoor air quality evaluation, report writing and advising clients as per different protocols.

29th March -14th April 2016 contracted by Ezylife Company limited to carry out evaluation and monitoring of their project clean cook stoves (Energy Saving Jikos) in various counties in the Country by visiting and carrying out Kitchen Performance Tests (KPTs).

2014 October 30th - 2015 Jan- 22nd - Quality control /Quality Analyst chemist at Tropikal Brands Afrika Limited.

Duties:

Responsible for laboratory maintenance and safety.

Routinely calibrated laboratory equipment's for accurate testing

Monitored in- process production to meet the standards specifications set.

Received and analyzed in-coming raw materials and chemicals as per the set standards.

Kept track records of all QA and QC files in safe custody.

Handled customer complains as per the guidelines set and advised them on products usage.

Prepared customer returns and reported the required correction actions to the Product Development Manager.

Prepared monthly reports concerning quality issues and production progress to Production Manager and Managing director

29th Sept 2014 to 10th NOV worked with Ezylife Company limited on a contract as Research and Field Enumerator officer (R&D Officer) on the benefits of Carbon Credit in various Counties in Kenya.

2012 July -August Kenya Research Institute (KEFRI), attachment in soil laboratory

Duties performed.

Preparation of soil samples

Analysis of the soil samples

Cleaning and maintenance of lab apparatus and standards.

Together with my lab Technicians was involved in writing reports for clients and advising them on test results.

Other assigned duties by my laboratory technician and supervisor.

Key Skills

Analytical abilities-Excellent analytical skills, which helps me in decision-making.

Data analysis skills-through various research methodologies,

Communications –Excellent communication skills gained in several presentation occasions.

Report writing skills- I possess good and timely report writing skills.

GMP – applied in the areas of production and research.

Quality control skills in the fields of production

Computer skills in MS Word, MS Excel, basic C++ programing skills, data analytical skills

Research and development skills

Interests

- Reading inspirational books and motivating youths in my church
- Learning new computer application skills
- Playing football
- Travelling
- Socializing and doing community works

REFEREES

Prof Jacob Peter Kithinji
Senior Lecturer and a Researcher
University of Nairobi
Chemistry Department
P.O BOX 30197-00100
Nairobi
Phone: 0722850702
Email: jacobkithinji@yahoo.com

Mr Michael Wakoli

KOKO Networks Limited

Fuels Quality&Supply Manager

P.O Box 888-00606, Nairobi.

Phone: 0727366376, Email: m.wakoli@kokonetworks.com

Lilly.J. Cherutich

Quality Control Manager,

Tropikal Brands Afrika (EA) ltd

P.O BOX 62067-00200, NAIROBI

Phone: 0733705208/ 0726330795,

Email: jelimocherutich@yahoo.com