

Curriculum Vitae of David Juma Okeno

P.O.Box 210 – 40601 Bondo

Cell Phone: + 254 735890714 / + 254 707442567

Email: Davidokeno9@gmail.com

1.0 Career Objective

To contribute to the growth and effectiveness of the institution and the body of knowledge in Chemistry through my technical expertise in chemical laboratory analysis and management.

2.0 Professional Summary

Mr. Okeno is an accomplished, energetic and responsible Analytical Chemist with vast experience both in academic and industry environment. He is well organized and self-motivated with a drive for excellence offering high-quality analytical work in a timely manner. He also possesses excellent verbal and written communication skills with a natural drive of achieving goals that lead to professional success.

3.0 Core Competencies

- Competent and capable of handling academic and research-oriented work
- Possess exceptional and excellent communicational and interpersonal skills and abilities
- Expert in handling the interdepartmental coordinated work, and associated responsibilities
- I have about Fourteen years of experience in the field of chemical work
- Expert in dealing with analysis of chemical work
- Capable of handling and maintaining the products, and associated chemical work

4.0 Achievements

Currently am part of Jooust - Covid 19 response team where I oversee the production process of hygiene solution- Hand sanitizer, Hand wash, Disinfectants etc

At LVEMP, I carried out site assessment tests where a spring was to be established in Nandi District.

At Kiwasco, I was part of the Kiwasco Quality Assurance Team that initiated water quality surveillance such as carrying out tests like determination of residual chlorine, PH, turbidity and hardness of water at consumer point.

5.0 Professional Experience 5.1 Institution: Jaramogi Oginga Odinga University of Science and Technology (JOOUST)

Function: Snr Laboratory Technologist- Physical Sciences Department

Duration: June 2011 to date

Key Accountability

- Supervising and guiding students during laboratory sessions
- Preparing solutions for practical learning sessions
- Assisting in procurement of laboratory supplies
- Management of laboratory supplies and other administrative duties
- Guiding post graduate students during research work

David Juma Okeno

5.2 Company: Rift Valley Bottlers' Limited

Function: Quality Control Technician

Duration: Oct 2006-May 2009

Key Accountability

- Water analysis: Determination of chlorine level, turbidity, PH, alkalinity and hardness of water
- Quality control checks
- Gas volume control and brix
- Calibration of equipment and preparation of analytical reagents

5.3 Organization: Lake Victoria Environmental Management Project (LVEMP)

Function: Laboratory Technologist Duration:

September – December 2005

Key Accountability

- Analysis of –Nitrates, Nitrites, Total Nitrogen, Ortho Phosphates, Silica using ultra violet spectrophotometer
- Waste water analysis, (BOD &COD)
- Preparation of analytical reagents
- Entry of quality data in the laboratory database and other laboratory activities

5.4 Company: Kisumu Water and Sanitation Company Limited (KIWASCO)

Function: Intern

Duration: January – July 2005

Key Accountability

- Water analysis: Determination of residual chlorine, turbidity test, PH, alkalinity of water, hardness test
- Waste water treatment
- Machine operations
- Water quality assurance and pollution control
- Water treatment processes: Addition of coagulant, alum, addition of calcium carbonate, and chlorination, backwashing of sand filters, sludge removal e.tc.
- Water analysis- determination of chlorine level, turbidity, PH, alkalinity hardness of water, total dissolved solids

5.5 Company: Kenya Pipeline Company Limited (KPC)

Function: Attaché

Duration: January – April 2003

Key Accountability

- Ensured appropriate quality control for finished products and individual unit operations
- Provided necessary laboratory support for activities such as operations analysis
- Performed routine testing of process and utility unit streams to monitor quality and unit performance • Performed routine testing to monitor blending operations and to certify petroleum products.

2

David Juma Okeno

6.0 Academic Qualification

• School of Physical Science, Chemistry Department, University of Nairobi (Kenya).

: Master of Science in Analytical Chemistry 2020 – On going)

- School of Physical Science, Chemistry Department, University of Nairobi (Kenya).

Certification: Bachelor of Science in Analytical Chemistry (2013 – 2018)

- Chemical Technology Department, Eldoret Polytechnic (Kenya)

Certification: Higher National Diploma in Analytical Chemistry (2006 – 2008)

- *Applied Science Department, Kisumu Polytechnic (Kenya)*
Certification: *Diploma in Analytical Chemistry (2002 – 2004)*
- Kenya Institute of Management (Kenya)

Certification: *Diploma in Total Quality management [2009]*

- Ukwala High School (Kenya)
- Certification: *Kenya Certificate of Secondary Education [1999]***

7.0 In-Service Trainings / Workshops Attended

- I have attended training on chemical safety and security at Ole Sereni hotel in Nairobi (3/8/2015- 7/08/2015). Areas covered included: Safe management of chemicals, classification of chemicals based their toxicity level, security of chemicals of concern among other topics.
- I also attended training on application of atomic absorption spectrophotometer and Ultra Violet spectrophotometer at KIRDI headquarters in Nairobi.

8.0 Referees

Prof. Benard Okello
Regina Nyunja;
(Dean, SBPMAS)
JOOUST.
P.O. Box 210 - 40601
Bondo.
Cell phone:
0732678066

Dr. Geoffrey Bosire.
University of Nairobi
P.O. Box 30197- 00100, Nairobi.
Cell phone: 0721 835392

Dr. Angeline Orwa
Ochung'
COD Physical Science
Department
P.O. Box 210 -40601
Bondo.
JOOUST,
Cell phone: 0722498563.