

CURRICULUM VITAE

EDUCATION

From August/2015 to December /2019:Technical

University of Kenya

Bachelor of Technology in Industrial and Applied Chemistry

Skills gained: developed skills in critical thinking, communication, Financial Accounting, Probability and Statistics, Quality Control and Quality Assurance, Product development, cGMP, process engineering and control, environmental science, computer applications and advanced statistical packages.

From January, 2011 to November, 2014:
Kenya Certificate of Secondary Education
Mean Grade B+ of 69/84 points

CURRENT SKILLS

Language Skills

English and Kiswahili

Speaking skills - Proficient
Writing skills - Proficient
Listening skills — Proficient
Reading skills - Proficient

Professional Skills:

- Proficient in office Computer applications (SAP, MS Word, Excel, power point, SPSS).
- Product formulation gained during attachment at OSHO chemicals and Kansai Plascon.
- QC analysis and Documentation gained at OSHO chemicals and Medisel K Limited and Kansai Plascon.
- Production operations and machineries

Organizational skills

- Good communication skills gained as through project research and industrial attachments
- Good leadership skills gained during my role as class representative at University.
- Excellent coaching skills gained as assistant the organizing secretary of TUK Student Association of Science and Technology

MARINGA WANJIRU FAITH

Quality Control, R&D Chemist

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Personal Profile

Talented Research Chemist with Two years of expertise in supporting new product development by performing thorough research and completing lab tests. Highly adept in researching and interpreting scientific information, trade literature and patents. Proficient communicator when collaborating with others to develop new products. Goal-oriented and enthusiastic individual eager to contribute to team success through hard work, attention to detail and excellent organizational skills.

Professional Experience

From Nov 2020 (present)

Kansai Plascon Paints

Quality Control and R&D

Brief description;

- Maintaining analytical instrumentation and laboratory equipment to maximize availability and functionality.
- Collaborating with production personnel and customers to improve product quality and functionality.
- Participating in new process development and process optimization programs to enhance overall system capabilities.
- Generating technical reports and other documentation to record analytical test results and conclusions.
- Performing standard and proprietary physical testing and chemical analysis of raw chemical materials and finished products.
- Developing new analytical techniques and enhanced existing analytical methods to improve testing validity and applicability.
- Performing technical laboratory functions in compliance with regulatory agencies and safety requirements.
- Developing laboratory testing programs and data analysis while adhering to SOPs, ECOs, batch records and work instructions.
- Working on instrumentation and analysis involving spectrophotometry, S.G., Viscosity, D.F.T., chemical resistance, QUV weathering analysis, Salt-Spray, cross-hatch, impact and flexibility, gloss/sheen, binding and hiding power.
- Maintaining regulatory compliance for all projects.
- Engaged in research activities to develop innovative technologies and identify new opportunities and application methodologies.
- Coordinating and performing analytical tests to comply with established standards and specifications.

From Feb 2020-May 2020

Medisel Kenya Limited (Intern)

Quality Control, Quality Assurance

Brief description;

- Receiving and verification of raw material.
- Took part in aseptic sampling, routine and no-routine analysis of raw materials, intermediate, finished products, purified water, stability samples and packaging materials and related documentation.
- Conducted general microbiological analysis and identification tests of specific microorganisms.

Achievements

- Successfully conducted my undergraduate research in production of natural rubber from euphorbia tirucali.
- Successfully coordinated the mass net distribution campaigns in 2011, 2014 and 2018 rounds off supported by PMI/USAID

Certifications

- Certificate of Attendance of the Pan African Chemistry Network (Seminar Series August 2018), on the topic of *Homology Modelling and Computer Aided Drug Design*
- Certificate of Appreciation for participation in 'Feed a Child Walk/ Hope Children Cycling Challenge/ Swimming in aid of orphaned and needy children, held at Hope Center Nairobi, September 2013
- Certificate of competence for ISO 9001:2015, ISO 1400:2015 & ISO 4500:2018 Management Systems Awareness Course.

- Participated in preparation and review of technical documents such as process validation SOPs, Validation Master Plan, Site Master File and Quality Manual.
- Assisted in preparation and verification of Batch Manufacturing Records, Validation Protocols and Reports.
- Participated in statistical analysis of Annual Product Quality and Process utilization.
- Took part in Risk Assessment of production processes to identify root cause of production problems and mitigation measures for the same.
- Assisted in preparation of equipment qualification protocols and carrying out Installation and Operational Qualifications of equipment.
- Participated in in-process checks, in-process sampling and analysis, dispensing and related documentations

From May 2019 to July 2019

Osho Chemical Industries (Attachment)

Product Development Department

Brief Description;

- Assisted in formulation of liquid and solid agro-chemicals such as insecticides, fungicides, soaps and detergents and public health products such as mosquito coils
- Took part in sample receipt, aseptic sampling, analysis and related documentations
- Conducted Industrial Research and Product Development
- Trained on machine operations
- Participated in production processes and warehousing.

References

Referee 1

Dr. Patrick Shem

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Referee 2

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Referee 3

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Validation Officer

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