

PROFESSIONAL CHEMICAL REACTION OFFICER

OBJECTIVE

- **Safety and Compliance Focus**

Dedicated Chemical Reaction Officer seeking to leverage expertise in chemical processes and safety protocols to ensure compliance and optimize reaction efficiency within a dynamic laboratory environment.

- **Process Optimization**

Results-oriented Chemical Reaction Officer aiming to utilize strong analytical skills and in-depth knowledge of chemical reactions to enhance process efficiency, reduce waste, and improve product yield.

- **Research and Development**

Innovative Chemical Reaction Officer eager to contribute to cutting-edge research and development projects, utilizing a solid foundation in chemical engineering principles to drive advancements in reaction methodologies.

- **Team Collaboration**

Collaborative Chemical Reaction Officer committed to working closely with interdisciplinary teams to design, execute, and analyse experiments that improve reaction outcomes and support organizational goals.

- **Quality Control and Assurance**

Detail-oriented Chemical Reaction Officer seeking to apply rigorous quality control measures and troubleshooting skills to maintain high standards of product integrity and operational excellence.

- **Data-Driven Decision Making**

Analytical Chemical Reaction Officer passionate about leveraging data analysis and experimental results to inform strategic decisions and drive continuous improvement in chemical processing.

SKILLS & ABILITIES

- **Chemical Process Knowledge**

Strong understanding of chemical reaction mechanisms, kinetics, and thermodynamics.

- **Laboratory Techniques**

Proficiency in various laboratory techniques, including titration, spectroscopy, chromatography, and chemical synthesis.

- **Safety Protocols**

Knowledge of safety regulations and protocols, including hazard identification, risk assessment, and emergency response procedures.

- **Analytical Skills**

Ability to analyse experimental data using statistical methods and software tools to draw meaningful conclusions.

- **Equipment Operation**

Experience with operating and maintaining laboratory equipment such as reactors, centrifuges, and analytical instruments.

Computer:

Microsoft office-daystar computers training institute, 2019 January to march.

Social media:

Facebook, Instagram, Twitter, WhatsApp, and telegram.

EXPERIENCE

SCIENCE LAB LIMITED, EMBU

3rd APRIL- 3rd DEC 2023

Responsibilities

Experimental Design

Develop and design experiments to study chemical reactions, ensuring that methodologies are robust and yield reliable data.

- **Conducting Reactions**

Execute chemical reactions following established protocols, including precise measurement of reagents and control of reaction conditions.

- **Data Collection and Analysis**

Collect, record, and analyse experimental data using appropriate statistical methods and software to draw meaningful conclusions.

- **Safety Compliance**

Ensure all laboratory activities adhere to safety protocols and regulatory requirements, conducting risk assessments and implementing safety measures.

- **Equipment Maintenance**

Operate, calibrate, and maintain laboratory equipment and instruments, troubleshooting any issues that arise during experiments.

- **Documentation and Reporting**

Maintain accurate records of experiments, including methodologies, results, and observations, and prepare detailed reports for review.

- **Quality Control**

Implement quality control measures to ensure the accuracy and reliability of experimental results and product integrity.

- **Collaboration**

Work closely with interdisciplinary teams, including chemists, engineers, and researchers, to support collaborative projects and share insights.

- **Training and Mentorship**

Provide training and mentorship to junior staff and interns in laboratory techniques, safety practices, and experimental protocols.

- **Research and Development**

Contribute to research and development initiatives, exploring new chemical processes and improving existing methodologies.

EDUCATION

UNIVERSITY OF EMBU, BACHELORS IN INDUSTRIAL CHEMISTRY 2019-2023 (SECOND CLASS UPPER DIVISION)

ELBURGON SECONDARY SCHOOL, K.C.S.E (C+) 2014-2018

ORTHODOX PRIMARY SCHOOL, K.C.P.E (B)

COMMUNICATION

ENGLISH, PROFICIENT

KISWAHILI, PROFICIENT

LEADERSHIP

CLASS PRESIDENT, ELBURGON D.E.B

REFERENCES

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