**rana salih**

Khartoum, Sudan •+249912834659 • ranas.elnur@gmail.com •www.linkedin.com/in/Rana Salih

Process Technologist

A self-starter who does not require or want micro-managing and who is diligent, result-detail-driven Process Engineer responsible for applying process knowledge and data analysisto optimize the process; In order to improve the industry’s processing efficiency, best known for abilities in apply the principles of mass and heat transfer to the process and equipment design, including using process engineering simulation models like (HYSYS), and familiar with global standers, demonstrates thorough knowledge of unit operations, catalyst, equipment and process controls with an excellent technical report writing skills. Along with the technical skills also able to solve problems quickly, enthusiastic at learning new concepts and delivering results quickly, organized, pro-active and creative as an individual or when working together in a team to achieve milestones, and excellent multi-cultural communicator and entrepreneur.

Quality Management System executive

Quality Management System Section Head

An experienced, hardworking, committed and passionate individual who has good knowledge of QA standards and best practice, knows how to write up QA plans, processes, inspections and test procedures, can improve processes by performing audits, processing information and taking appropriate action, playing a major role in ensuring that key goals and objectives are delivered. On a personal level, A Results-driven, ambitious, and versatile professional individual, with the ability to challenge and innovative approach to quality improvement, passion for a project at hand whilst also being able to work within a fun and hardworking team environment.

**Areas of Strength**

|  |  |  |
| --- | --- | --- |
| * Chemical Engineering | * Quality Control and Quality Assurance | * Process Simulation |
| * Problem Solving | * Planning | * Primarily Design |
| * Research and Development | * Troubleshooting & Repairs | * Cross-Functional Teams |

**Professional Experience**

**Khartoum Refinery Company (KRC),** Khartoum, Sudan **Feb 2018 –Present**

* **Central Technical Support Engineer,**
* Provide process input to conduct analyses to ensure the refinery operates in a safe and compliant manner, Assist in process incident investigations in order to help identify root causes and define future preventative measures, Applies technical understanding to improve process operations, documentation and knowledge transfer, Accurately documents key process information to provide valuable reference material, Provide expert input to troubleshooting activities to help the refinery or process unit improve its operation*,* and Systematically plans and carries out duties and tasks to accomplish company and unit objectives, using available resources and identifying and resolving potential problems before negative impacts occur.

**Amipharma Laboratories Co. LTD.** Khartoum, Sudan **Feb 2017 – Jan 2018**

* **Quality Management System Section Head**,
* Devising and establishing a company's quality procedures, standards and specifications, monitoring the QMS Tools implementation (Change Control management System, Incident Reporting System, Deviation Handling System, Market Complaints, Internal Audit System, Out of Specification System, Out of Trend System, and Vendor Management System, Defining quality procedures in conjunction with operating staff, and Making sure the company is working as effectively as possible to keep up with competitors.
* **Quality Management System Executive**
* Establish, prepare, maintain and update all documents related to QMS (Standard Operating Procedures, Forms, and Annexure, coordinate QMS related meetings and take minutes of all such meetings, keeping record of QMS related documents, facilitate QMS related internal and external audits, and Provide guidance and assistance to Quality and Compliance staff.

**KHARTOUM REFINERY COMPANY LTD.** Khartoum, Sudan **Feb 2014- Feb 2016**

* **KRC Apprenticeship and Training Program- Process Technologist,**
* Assist in preparation of specifications, drawings and tender documents for energy services, improvements or plant replacement works, Perform energy modeling, measurement and verification across plants and processes, Identify areas of abnormal/excessive consumption and initiate corrective actions as needed, and participate in Intensive Process Review (IPR's) for process unit turnaround planning in all areas of energy improvement.

**THE UNIVERSITY OF KHARTOUM** Khartoum, Sudan  **Mar 2013 - Jun 2013**

* **Teaching Assistant,**
* Tutorials supervision, Lab demonstration and report marking for Mass Transfer Fundamentals Module.

**MINISTRY OF PETROLEUM SUDANESE PETROLEUM CORPORATION,** Khartoum, Sudan **Oct 2011 – Oct 2012**

* **Process Engineer at Down Stream General Directorate,**
* Producing technical reports while working in the departments of
* Crude oil refining process.
* Natural gas and petrochemicals.
* Refinery operation.

**Amipharma Laboratories Co. LTD.** Khartoum, Sudan **Aug 2009 – Sep 2009**

* Lab Assistant (Student Training Program)

**Education & Credentials**

**Bachelor of Applied Science, Chemical Engineering,** University of Khartoum, Khartoum, Sudan 2006-2011

▪One week training in Kenana’s Sugar factory, Kenana

▪One week training in Atbara's Cement Factory,Atbara

▪ Participated in university of Khartoum engineering week (2007, 2009, and 2011)

▪ Financial manager of Chemical Engineering Student Society for Batch 2006

**Technical Skills:** CHEMCAD, DCS, HYSYS

**Certificates:** Refinery Economics, Utilities Costing, WHO Good Manufacturing Practices Workshop, Supervising Skills Training, Material Corrosion, and Inspection (MCI) Course, Energy Management, Advanced Excel

**Affiliations:** Member, Sudan Engineering Council; Member, Federation of Sudanese Engineers

**Languages:** Fluent: English & Arabic