



## **MOHAMED ALI MOHAMED ALI IBRAHIM**

**Address:**

- House No.20, Street no.53, Khartoum (2) | Khartoum State, Sudan.

**Marital Status:** Single

**Phone:** +249922132116 / +249912713010

**Email:** [Mohamed577@hotmail.com](mailto:Mohamed577@hotmail.com)

**Nationality:** Sudanese

**OBJECTIVE:**

To work in oil and gas industry or petrochemical companies (Process or R & D sections) due to this career has a bright future & good salary. I have already taken the first step in this career by working in Khartoum Refinery Co.Ltd for six years as a Process Chemical Engineer M.Sc degree in chemical engineering from KFUPM with good knowledge and experience in catalyst research.

## EDUCATION:

- **B.Sc. (Honors) in Chemical Engineering** [Oct.2007- Oct.2012]:  
**University of Khartoum, Faculty of Engineering Dept. of Chemical engineering, Khartoum, Sudan.**

- CGPA: 7.17 out of 10 (First Class).

- **M.Sc. (Honors) in Chemical Engineering** [Jan.2015- Dec.2016]:  
**King Fahd University of Petroleum & Minerals, Faculty of Engineering Dept. of Chemical engineering, Dhahran, Saudi Arabia.**

- CGPA: 3.43 out of 4.

## TRAINING:

An intensive training program in Khartoum Refinery Company Co.Ltd in the following units as rotation:

CDU, RFCC, DHT, DCU, GDHT, CCR, Water system, Thermal power station and HSE during period (1/11/2012 – 1/2/2014).

## WORK EXPERIANCE:

### **1) Khartoum Refinery Company Co.Ltd (6 years):**

- Apprenticeship Program in Khartoum Refinery Co.Ltd as a chemical engineer in **Continuous Catalytic Reforming Unit (CCR)** & **Naphtha & Diesel Hydrotreater (NDHT)** during period (16/2/2014 - 16/2/2015) (10/4/2017 - 12/8/2018) (2 years and 4 months).
- Working as Chemical Process Engineer in khartoum Refinery Co.Ltd in **Residue Fluid Catalytic Cracking Unit (RFCC)** (12/8/2018 – until now).

#### Main Responsibilities:

- o Monitoring of the process and production.
- o Material and energy balance.
- o Monitoring of chemicals & utilities consumption.
- o Monitoring of feedstock and products quality.
- o Conduct periodical test runs.
- o Checks and discussions of overhaul plans with Maintenance department.
- o Conduct the first check and visual inspection for the stationary equipment after opening and before overhaul activities start and confirm the maintenance and cleaning quality were done by contractor
- o Conduct hazard operability and risk analysis for many refinery units.

#### **2) King Fahd University of Petroleum and Minerals (2 years):**

- o Research Assistant at center of Research Excellence in Petroleum Refining & Petrochemical.
- o Teaching Assistant in the department of chemical engineering, faculty of engineering ,KFUPM.

#### **COMPUTER SKILLS:**

- o M.S Windows.
- o M.S Word.
- o M.S Excel.
- o M.S Power Point.
- o ASPEN HYSYS, ChemCAD.

## LANGUAGE:

- **Arabic:** Mother language.
- **English:** Good.

## PUBLICATIONS:

Metathesis of 2-pentene over Mo and W supported mesoporous molecular sieves MCM-41 and SBA-15 (Journal of Industrial and Engineering Chemistry Volume 53, 25 September 2017, Pages 119-126).

## SALARY:

- Current salary (total) : 2000 USD
- Expected salary (total) : 4000 USD

## REFERENCES:

- **Ali Abdulrahman Rabah**, PhD (Hannover), M.Sc (Nairobi), B.Sc (Khartoum).

Professor, Department of Chemical Engineering, University of Khartoum,  
Osman Digna st, Khartoum, Sudan,  
[rabahssr@uofk.edu](mailto:rabahssr@uofk.edu), [+249912883212](tel:+249912883212).

- **Kamal Eldin Eltayeb Yassin**, PhD (Toulouse), M.Sc (Mysore  
UNU Fellow), B.Sc (Khartoum).

Associate Professor, Department of Chemical Engineering, University of  
Khartoum & Head Director of Implementation Unit “Faculty of  
Engineering Development Project”, Osman Digna st, Khartoum, Sudan,  
[keetyeb@uofk.edu](mailto:keetyeb@uofk.edu), [+249155183865](tel:+249155183865).

- **Sulaiman S. Al-Khattaf**, PhD (Western Ontario), M.Sc (KFUPM), B.Sc (KFUPM).

Professor, Chemical Engineering Department, KFUPM and head director of center of Research Excellence in Petroleum Refining & Petrochemical, KFUPM, Dhahran City, Saudi Arabia.

**skhattaf@kfupm.edu.sa , Tel: +966(0)3-8602029**

**Fax: +966(0)3-8604509**

- **Khartoum Refinery Company Limited**, a joint venture company between Ministry of Energy&Mining of Sudan (MEM) and China National Petroleum Corporation (CNPC).

Aljaili – Khartoum North – Sudan – P.O.Box: 15125, Khartoum, Sudan

**Krc@krcsd.com, +249185350035, fax: +249185350088.**