

Abdelrahman Mubarak Abdelrahman Ahmed



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 29 years' old
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Production Engineer



Summary

Working over **seven years** in total between **Khartoum Refinery Company** (one year as Field operator) and **Khartoum Petrochemical Company-CNPC Sudan** (polypropylene plant) as process engineer for six years till now, with focus on operation, process, and safety issues.

In 2021, Holder of **MSC Chemical Engineering** with first class and **NEBOSH PSM** Certificate.



Highlights

- **CNPC Excellent Staff certificate** from China National Petroleum Company (CNPC) the mother company of KPC in **2020**.
- **Promotion to process engineer** position in polypropylene plant in Khartoum Petrochemical Company (KPC) in 2017.
- Implement **process safety management system (PSM)** in workplace.
- Work as mentor and trainer in safety issues for company employees.
- Troubleshoot process and operational problems.
- Carry out **material balances**.
- Apply of **FMEA** for process and equipment.
- Carryout **JHA** for works in polypropylene plant.
- Invent and design checklists for **Operational** and **Maintenance** works.
- Auditor in KPC with certificates of ISO 9001, 140001.
- Has extensive trainings in oil and gas, instrumentation & control, supply chain, forklift safety, Management of change, Aspen Hysys,.....



Education

- **2021 -September: Master degree in Chemical Engineering (first class)**, Faculty of Engineering, Department of chemical engineering, **University of Khartoum**, Sudan.
- **2015 -August: Bachelor's degree (Honors) in Chemical Engineering**, Faculty of Engineering, Department of chemical engineering, **University of Khartoum**, Sudan.
- 2010- June: Finished secondary school with a grade of **92.6% in the Sudanese certificate** from African foundation for private education.
- 2007-May: Finished basic school with a grade of 275 out of 280 from African foundation for private education.



Experience

Process Engineer

Sep. 2017- Present, polypropylene plant- Khartoum Petrochemical Company(KPC).

- Implement process safety management system (PSM) in workplace.
- Monitor day to day operations.
- Issue daily, weekly, monthly, and yearly production reports.
- Carry out material and energy balances.
- Troubleshoot process and operational problems.
- Plan and prepare plans of start-ups and shutdowns
- Perform investigation reports.
- Supervise and lead polypropylene plant emergency drills.
- Management and evaluation of operators and workers.
- Evaluate bids.
- Lead and plan the overhaul duties and responsibilities for operators.
- Conduct SOP trainings for operators.
- Carryout JHA for works in pp plant.
- Apply of FMEA for process and equipment.
- Invent and design checklists for Maintenance works.
- Participate actively in internal and external audits.
- Work as mentor and trainer in safety issues for company employees.
- Assist other company departments in fulfillment of their duties when I was needed.

Field Operator

Mar. 2017- Sep. 2017, polypropylene plant- Khartoum Petrochemical Company(KPC).

- Field Operator in polymerization and distillation units

Panel operator

Sep. 2016 – Mar.2017 - polypropylene plant Khartoum Petrochemical Company(KPC).

- Panel operator in Granulation unit

Field Operator

Sep. 2015 – Sep. 2016 Khartoum Refinery Company(KRC).

- Field operator in” NHT” Naphtha Hydro-treatment Unit
- NHT unit trainer



Affiliations

- Member of the Sudan Engineering Council, Certificate of Registration as Graduate Engineer (registration No. 46589 م خ ١ م ١٥ س م), (Serial No. 00059989), Issue date 29/09/2016).



References

- Mrs. Dania Omer Abdalla Mohamed - Researcher at MNRC – University of Khartoum.
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- Mr. Mohammed Wahbi-KRC department manager of area 4.
Phone No. +249912315632
- Mr. Zhang Yongli – KPC senior process engineer.
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