

OMER MOHEMED AHMED ALI MOHAMED: MSc

CDU / DCU/ Rich Gas Separation & De-sulfer Plant Process Operation / field / Supervision. 11 Years Total Experience



Summary: I am a Chemical Engineer 8+ oil & Gas experienced; as Process operation and DCS operator in **CDU / DCU/ Rich Gas Separation & De- sulfer Plant**, with a vast knowledge in various activities, concerning Refineries, pipeline, field facilities and Storage of petroleum products. Well-versed with many types of equipment in oil/gas industry like Pumps, Storage Tanks, Heat Exchanger, Boilers Furnaces, Column, compressors, steam turbine Regenerators and Reactors.

Supervised and assist in the engineering procedure and make necessary design drawings for different projects.

Excellent knowledge of emergency regulations, disaster control and communications responses. Training in Process safety management. Providing specialist advice on HSSE risks relating to storage tank and oil movement activities and the effective monitoring of performance.

Deal with various foreign nationalities (American, Chinese, Indian, Malaysian, and Arabian) which have given to me more experience and knowledge.

Aware of Refinery Statistics Reports (daily, quarterly, monthly and yearly reports)

Aware of the Engineering Slanders and Procedures;

Aware of all office application programs.

Operate DCS Systems (ABB, FoxPro)

PERSONEL INFORMATIONS

Nationality:	Sudanese
Date Of Birth	25/1/1990
Marital Status	Married
Passport No:	P09253902
Language Spoken:	Arabic (Native), English (IELTS Band 6).

CONTACT INFORMATION

Address	Sudan, Khartoum, Bahry.
Current employer	Khartoum Refinery Co. Ltd.
Contact Number (Sudan)	+249 911095000 / +249 912194854
Email (s)	OmerAjab@krbsd.com omerwedalajab@gmail.com
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EDUCATION

❖ University of Khartoum

Country: Sudan
Degree Awarded: MSc
Major: Chemical Engineering
Year of Award: 2017

❖ University of Jazeera

Country: Sudan
Degree Awarded: Bachelor of Engineering (Honors')
Major: Chemical Engineering
Year of Award: 2011

EMPLOYMENT HISTORY

Khartoum Refinery Co. Ltd.



CDU / DCU/ Rich Gas Separation & De-sulfur Plant. Process operation Engineer. & Refinery Shift Manager

Country: Sudan. (2/Feb /2014 To: Current.)

Sector: Oil & gas.

RESPONSIBILITIES & DUTIES

Focusing on the plant profitability, to ensure the shift team compliance with safe operating limit, communicate professionally with operations, production planners, MC, TE, HSE and Central Lab to meet prevailing conditions and requirements.

Dealing with the all energy conservation measures programmes. Acting As emergency controller (team emergency Commander). Launch and follow-up the Refinery upset scenarios giving the main actions and priorities to the Operations and Offsite Shift Supervisors with a special focus on the common networks (such as Fuel Gas, Flare, Steam, Hydrogen, syn-gas Gas, waste water, slops, and nitrogen) and the product quality management.

- Worked as **field operator** in **Delayed Coking Unit** since 16/4/2014 until 15/11/2014 and then as a **panel (DCS) operator** at **DCU** and **rich gas separation** unit till 1/2/2015.
- Contribute in process incident investigations in order to help identify root causes and define future preventative measures.
- Reference and provide input into unit process safety information as needed to ensure safe and compliant operations.
- Provide input into project design and system modifications hazard reviews in order to mitigate operational risk.
- Evaluate the process unit and refinery operations with respect to process safety practices in order to identify gaps and initiate activities to mitigate risk.
- Reports to Field technical support manager and receives instructions from senior process engineer.
 - Preparing startup and shutdown procedures for various equipment.

Attended a scheduled major overhaul period and contributing in an inspection team to check equipments situation before and after the maintenance and developing a report in accordance with a test-run results.

- Stock controlling and monitoring. crude stock ,middle products and final products.
- Coordination between production units CDU,RFCC,DHT,DCU,GDHT,CCR,OMS& power station ,during normal operation.
- Monitoring and control of utilities production & demands across the refinery ,Fuel gas ,Plant & instrument Air ,N2, Circulating water and steam.
- Preparation and Follow up units' shutdown and startup.
- Unit's handover before and after maintenance & overhauling.
- Ensure production units' efficiency.
- Handling some managerial issues during the weekends and vacations.
- Coordination between refinery and Sudanese Petroleum Corporation (refinery downstream)
- Preparing the daily and weekly material balance for the whole refinery
- Ensure refinery products quality
- Participate in incident investigation in the field.



Savola Edible Oil (Sudan) Ltd.
Refinery Operation Engineer.
Country: Sudan, one year

Sector: Food Industries.

RESPONSIBILITIES & DUTIES

- Working within shift as process operation engineer.
- With strong knowledge about process operation, process equipment, process control and process facilities contribute directly to day to day operation issues connect the deferent concerned parties to insure stable production within the plane.
- Process improvement, troubleshooting, problem solving as well as insuring safe operation and environment.
- Daily reporting to production manager.



Tabuk Pharmaceuticals, Production Engineer.
Country: Sudan, (one year)

Sector: Pharmaceutical Industries.

RESPONSIBILITIES & DUTIES

<ul style="list-style-type: none"> • Monitor the production process to insure that it is carried out with company standers and policy and GMP practice and quality standers . • Improve the process (contributing with R&D team) and enhance productivity , and quality also contributing with process improvement team, using "lean" techniques. • Receive monthly production plane and utilize the resources for implementation. • Daily reporting to production manager.



University of Khartoum,
Teaching Assistant
Country: Sudan, 2013 for one semester.

Sector: Education.

<p>Worked as part-time teaching assistant while studying as M.Sc. of chemical engineering</p> <p><input type="checkbox"/> Assist faculty members in teaching-related duties.</p> <p><input type="checkbox"/> Perform lab experiments for distillation, mass transfer heat transfer.</p>

TRAINING

<u>Date Attended</u>	<u>Training Title</u>	<u>Training Institution</u>
2013	Trainee	Khartoum Refinery Company
2011-2012	Trainee	Junaid Sugar Factory
2009	Trainee	Khartoum painting & Polish co ltd

Courses

<u>Date Attended</u>	<u>Course Title</u>	<u>Institution</u>
2013	MATLAB software	University of Khartoum
2014	Basic operational course	Khartoum refinery company training center
2016	Communication Strategies & Interpersonal Skills	TABUK Pharmaceuticals
2016	Aspen HYSYS	Independent
2018	Project Management (PM)	Khartoum refinery company training center
2018	Refinery Energy Management & Auditing.	Khartoum refinery company training center
2018	Advance Microsoft Excel	Khartoum refinery company training center
2019	Project Management	Khartoum refinery company training center
2020	Distillation troubleshooting	Khartoum refinery company training center

Skills

Technical	<ul style="list-style-type: none"> • Possessing an excellent team spirit and capable of interacting effectively with other discipline engineers. • Proficient with Microsoft Office software. • Good command of English (writing, reading, listening and typing) IELTS Certificate Band6. • Excellent social skills; which was developed from interacting with different people from different backgrounds and different cultures. • Willing to undertake any training or development necessary required meeting the requirements of employer. • Excellent learning ability. • Flexible handling a variety of tasks and shift priorities simultaneously. • Can work independently and in a team environment. • Interest in working in petroleum, oil refining, mining, food industry, pharmaceutical manufacturing, petrochemical and water treatment field or where I can play a good role as a chemical engineer .
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References

Dr. Mohamed Wahbi: Operation Area3 Manager.

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ENG.Mohamed Abd Elkafi, Operation Manager, Khartoum Refinery Co. Ltd

Phone Number: 00249912330391

Email Address: mabdelkafi@krcsd.com

Dr. Mustafa abbasmustafa :Head of Chemical Engineering Department, University of Khartoum.

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