

C.V

Ahmed Siddig Mossaad Hamad

Plant Operator

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Personal Information:

❖ Date of birth	: 1st january 1994
❖ Position Applied	: Plant Operator(oil & gas refinery)
❖ Total Exp	: 2 years
❖ Notice Period	: Immediately
❖ Nationality	: Sudanese
❖ marital status	: unmarried
❖ Current location	: Khartoum / Sudan

Qualifications:

Engineering Diploma (3 years) in petroleum engineering, From Sudan University for Science and Technology
From 2012-2015

Work experience:

- **Field Operator** in Residue Fluid Catalytic Cracking unit (RFCC), at Khartoum Refinery Company from 2017 till now at Reaction and regeneration, Waste heat boiler, Fractionator, Absorption and stabilization, Sweetening and desulfurization post.

Duties and Responsibilities :-

Regeneration and reactor , Weast Heat Boiler .Fractionator, Desulphurization Post(DS) and Amine Treating Unit (ATU):

- Operate Fraction post including all equipment such as columns, pumps, heat exchangers, wet and dry fan coolers Includes regular monitoring of operating conditions, startup/shutdown, and emergency handling of all the equipment's in the assigned units.
- Operate Desulphurization post (DS), and Amine Treating Unit (ATU), including all the equipment's such as Columns, vessels, heat exchangers, air and water coolers, pumps, filters and valves. Includes regular monitoring of operating conditions, startup/shutdown, and emergency handling of all the equipment's in the assigned units.
- Operate weaste heate boiler , regeneration and reactor and operate slide valve
- Loading Chemical to remove hydrogen sulfide (H₂S) and mercaptan (RSH) contain in LPG, DRY Gas and oil product, so as to meet the strict requirement of the environmental protection. By using Amine solution and (NAOH).
- Adjusting various operating parameters as per the direction of Panel Operator / Shift Supervisor.
- Responsible for local operation, inspection and supervision of the equipment in the appointed area with the directions from panel operator and shift supervisor.
- Check whether the actual oil level, interface, pressure, flow and temperature indication of columns vessels and heat exchanger are accurate or not.
- Check field stationary equipment, pipeline and valves leaking or not.
- Check the current, discharge pressure, oil level, box and mechanical seal of pumps.
- Responsible for some routine maintenance (e.g. valves' greasing, filters' cleaning.etc).
- Take outside readings and transfers to control room log sheet. .
- Check the pumps body and temperature of bearing box and vibration.
- Provides regular samples of products for testing and takes irregular samples as required.
- Inspects heaters, rotating equipment, vessels, columns, and drums etc., for normal operation. Check local instruments such as levels, flows, temperatures, pressures to ensure they meet accepted routine operating parameters of the plant.
- Watches and ensures the maintenance works are done in accordance with the job specifications and safety/environmental regulations.

- Carries out a physical inspection of process equipment, safety and fire equipment, and personal protective equipment throughout shift.
- Assumes overall responsibility for the safe and efficient operation with the objective of highest possible production.
- Identifies operating problems on the units and reports to shift foreman or control operator on the situation at the earliest opportunity. Makes recommendations on possible solutions to recurring problems.
- Responsible for informing panel operator/shift supervisor whenever an emergency situation take place.

Training & courses(Khartoum Refinery Co.):

- Basic operation courses.
- Safety courses.
- Fire Fighting Trainings.

Skills:

- ❖ Long experience and knowledge's in operation and refinery process makes me familiar to work in any oil & gas plants
- ❖ Patient and work as a team in a multinational and multicultural environment and bear the pressures of work
- ❖ **Language:** Arabic (Mother Tongue). English (Fluent Write & spoken).
- ❖ Good Knowledge of Computer skills.