

CV



Personal Information:

Name: Nadir Hassan Mohamed Koko

Nationality: Sudanese

Date of birth: 1/8/1989

Gender: male

Social status: Not married

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Profile summary:

Refinery field operator with six years experience in highly hazardous process, ability to resolve non-routine situation job, versatility to multi task separate job function in a safe and efficient manner, have extensive operational experience in delay coker unit (DCU) including commissioning, precommissioning, startup, shutdown, emergency handling and troubleshooting equipment and process including crude tanks Farm operation, fractionators operation, furnace and coke tower operation, absorber and desorber operation, desulfurization of LBG and fuel gas operation, caustic and Amine solution Regeneration system and rich gas compressor operation and good knowledge of DCS and material balance calculations. above all has an excellent safety track record in strictly adhering to safety rules and regulation including (PTW).

Work Experience:

Field operator at Khartoum Refinery Company (august 2016 to present)

DCS operator at Khartoum Refinery Company (2019)

Responsibilities:

- *Daily inspect each plant equipment including recording flowrate, pressure, and temperature of pumps and compressors and observing any abnormalities for all equipment (leakage, noise, vibration..) and report it to shift supervisor.*
- *Prepare and handover equipment to maintenance .*
- *Switch equipment to standby if a problem occurred.*
- *Fulfillment all coke tower cycle operation (decoking, warming, switch, and cooling).*
- *Prepare all hydrocarbon sample for laboratory analysis.*
- *Check hydrocarbon product color for adjusting fractionator operation.*
- *Monitor all process plant chemical readings and consumption and loading and record it.*
- *Monitor and topping all plant equipment lube oil for pumps and compressors.*
- *monitor and ensure all plant work (maintenance ,cleaning, crane lift,)are complying with safety regulations .*
- *flushing and purging equipment to introduce it to maintenance works.*
- *adjust all operation condition communicated with control room operation.*
- *Take over all equipment from maintenance and commissioning it.*
- *Call firefighting in case of fire occurred in the plant .*

- *Calculate material balance of the process record it, and inform the dispatch centre.*
- *In case of startup ,line up and prepare unit for circulation and startup and ensure all steps comply with startup procedure and check the plant equipment is working normal after startup.*
- *Ignite the process heater pilot and burners at the startup of the plant.*
- *In case of high high emergency situation ,quick and safe shutdown the unit following the unit emergency shutdown procedure.*
- *Precommissioning and commissioning the plant after the overhaul is finished.*
- *Observe all safety fire and security rules and regulation including the use of clothes and equipments and ensure that all personnel working in my area comply with safety procedure ,and ensure that the maintenance of assigned area in clean and tidy conditions.*
- *Issuing the work permit for all plant work after ensure that the situation is safe for the work.*

Educational Background:

University:

Sudan University Of Science And Technology:

- *BSC of petroleum engineering (October-2015 to october2018) graduated with first class 3.06/4.*
- *Deploma of petroleum engineering (October-2008 to October 2011) graduated with second class 2.87/4.*

Secondary school:

- *Dongola alnomozagia secondary school (august-2004 to august2007) Graduated with first class 83.7%.*

Skills:

- *Good verbal and written communication skills*
- *Problem solving*
- *English language (excellent in All language skills), and Arabic as mother tongue.*
- *Team work*
- *Ability to Work under pressure*
- *Basic proficiency with Microsoft applications(word, excel, powerpoint).*

Training:

- *Diploma in English language with very good degree.*
- *Diploma in all computer Microsoft office applications (word ,excel, power point) ,Matlap course.*
- *Nebosh IGC1(healthy and safety management system)course at charisma work force and development institute.*
- *Intensive training program (3 months) in general basic operation at Khartoum refinery company training center.*
- *Basic training in healthy and safety and environment (HSE) at KRC training center.*
- *Basic training in fire fighting at KRC training center*
- *Basic training in hydrotreating safeguarding at KRC Training Center.*
- *Basic training in introduction to utilities at KRC Training Center.*
- *Basic training in emergency response at KRC training center.*

References:

- *Eng:wael gaffer mahgoub-shift supervisor –khartoum refinery company, Mobile:([+249911093164](tel:+249911093164))*
- *Eng: Amir Mohidien –Unit Supervisor-khartoum refinery company Mobile:([+249912357215](tel:+249912357215))*
- *Dr:Tagwa Ahmed Musa –Associate professor, college of petroleum engineering and Technology ,Sudan University Of Science And Technology, Email:tagwamusa@sustech.edu, Mobile:([+249915101572](tel:+249915101572)).*