**Hozifa Elfateh Sirelkhatim Mohamed**

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**PROFESSIONAL SUMMARY**

* Provided as Mechanical engineer and specialist of reliability assurance for Khartoum refinery company GDHT, NHT and CCR Units to devolve maintenance strategy and planning tools to meet company reliability and availability goals, support plant operations with consultations ,assessments , troubleshooting, root cause analysis , specification , modification , upgrades , trips reduction and performance analysis.

**TRAINING &WORK HISTORY**

* **Mechanical Technician,** 07/2012 to 9/2017
* **Mechanical Engineer,**09/2017 to current

**Khartoum Refinery Company**-Bahri/Sudan (KRC)

* **Description:-**

**Successfully completed** an intensive training program in (KRC), Operation Dept. as rotating equipment Specialist (Apprenticeship Program) during the period from July/2012 to May/2014.

* **Mechanical Engineer** (KRC) from OCT/2014 up to date, with the following responsibilities:
* Manage start-up/shut-down plans & emergency cases of plant and rotating equipment in the field and DCS.
* Resolve handle the operation problems (exp. sudden equipment failure, leakage, fire cases, etc.).
* Monitor the machinery conditions (vibration, temperature etc.), in order to identify any changes which are indicative of a developing fault.
* Execute and coordinate inspection activities during rotating equipment shutdowns.
* Ensure that all systems including boilers, clean steam generators, water for injection stills, reverse osmosis units, air compressors, chillers, cooling towers, wastewater flows, heat exchanges, pumps, valves, and associated equipment function correctly.
* Deal with start-up, shut down and emergency cases of GDHT, NHT& CCR UNITS infield and control room.
* Respond to a wide range of mechanical and electrical problems and troubleshoot to repair.
* Accomplished approved P&ID's, mechanical data sheets, piping drawings and documents with respect to mechanical performance and specifications
* Participate in all aspects of rotating equipment selection, design, procurement, installation, commissioning and start-up planning.
* Engaged in safety activities (MOCs, Risk Assessment, and JSA)

**EDUCATION**

* **Diploma of 3 years, Mechanical Engineering, 2009**
* Nile Valley University Faculty of engineering & Technology /Sudan
* **BSc of Science in Mechanical Engineering (Honor) , 2017**
* Bahri University Faculty of engineering & architecture / Sudan

**SKILLS**

* root cause analysis and safety assessment
* Experienced in handling emergencies and taking appropriate decisions
* Skilled in safety planning and safety orientation
* Distribution control system (DCS).
* MS Office 2007
* Written and verbal Communication skills
* Teamwork ability
* Demonstrate leadership

**CERTIFICATIONS & COURSES**

* Basic Operation Course (KRC)
* Steam & gas turbines operation & maintenance Course (KRC)
* Boiler & steam turbines operation & maintenance course (Petroleum training center/Khartoum).
* **NEBOSH** International technical certificate in oil & gas Operational safety
* Furnace & Heat Exchanger at Alexandria Petroleum Maintenance Training Center
* Turbine &Compressors at Alexandria Petroleum Maintenance Training Center

**BASIC INFORMATTIONS**

* Sudanese
* Arabic (fluently) & English (GOOD) spoken& written
* Date of Birth : 11/7/1988 - Atbara
* Married (Male)
* Passport & Driver License are available
* Notice Period : 1 months