

## C.V

### Personal Information:

#### NASSIR ABD-ALRAHMAN HAMID

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Mob. No.	+249 910 505 053 +249 122 150 665
Linguistic Abilities	English, Arabic
Date of Birth	21th of January 1991
Marital Status	Single
Nationality	Sudanese

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### SUMMARY PROFILE:

- More than eight years experiences as mechanical and piping engineer in fields of:sugar industry, oil and gas industry, , heavy equipment, MEP; including: engineering design, innovation researches, process operation and maintenance.
- Knowledge of applicable engineering Codes and Standards i.e. API and ASME.
- Familiar with technical software (AutoCAD, Solid works, Pipesim, AMETank, PV Elite and Aspen HYSYS, Revit MEP and Primavera V6)
- Knowledge of applicable engineering Codes and Standards i.e. API (510, 620,650 and 570), ASME (B31.3, B31.4 and ASME Sec. VIII- Div. 1&2).
- Participation in HAZOP and reviewing studies.
- Excellent organizer with planning and Team Building skills.
- Good communicator and collaborates easily with teams with proficiency and ability to grasp new technical concepts & utilize thesame in a productive manner.

### EDUCATION:

**(2015-2017) M.Sc. Degree** in Renewable energy, from Khartoum University\_ Sudan.

**(2007-2012) B.Sc. Degree** (Honor) in mechanical engineering, from Omdurman Islamic University, Khartoum - Sudan.

B.Sc. Graduation Project: Study of stability & performance of twin engine aircraft (UAV).

## EXPERIENCE:



### **1- SUDAPET Co. Ltd.,**

Engineering, Project & Facilities\_ **Snr. Mechanical & Piping Engineer,**  
(February 2017 up to date).

#### Main duties:

- Preparation of technical specifications, technical evaluation and review vendor' documents for customized packages, piping and Mechanical equipment.
- Review of engineering calculations, specifications, datasheets and drawings provided from EPC's.
- Ensure the integrity of oil and gas assets in the different oil fields.
- Participate in measuring and assessment of the life of degraded plant equipment for the oil and gas facilities in Sudan.
- Department user for Project system (PS) module in SAP (ERP system)

One of The PMT of Below Projects/ In-House studies:

- Mini Refinery at Rawat Project.
- Great Fula FFR study.
- Increasing the capacity of the storage tanks at MTs (1&2).
- Gas division researches.
- Reviewing the metering system in 2A& 4 blocks.



**2- Sudanese Tractor Company 'SUTRAC CAT',**Service  
department\_ **Maintenance Engineer,** (May 2016 -  
February 2017).

#### Main duties:

- Diagnosis failures and provide a technical support for corrective maintenance to heavy machines (Loaders, excavators, compressors, tractors and gen-sets).
- Implement preventive maintenance and ordering the spare parts.



### **3- Sudanese Sugar Company,**

Gunied Sugar factory\_ **Maintenance & Operation Engineer**,(February 2014 - May 2016).

#### **Main duties:**

- Insure of implementation the operating procedures and provide technical support for sugar process & steam power plant equipment's operation.
- Investigate equipment's failures and difficulties to diagnose faulty operation, and to make recommendations to maintenance crew.
- Interpret blueprints, technical drawings, schematics in operation and maintenance works.
- Participate in identifying & requesting the internal & external spare parts required with specifications.

#### **Internships:**

- o Sudanese Thermal Power Generating Co.,  
**Trainee** | Dr. Mahmoud Sharief Power Station, Boiler Maintenance section, (March 2013).
- o Sudanese Tractor Company Limited (SUTRAC-CAT),  
**Trainee** | Service department, (January 2013 & September 2010).
- o Sudanese Thermal Power Generating Co.,  
**Trainee** | Garri Combined Cycle Power Station, Maintenance section(turbine unit, boiler unit, balance of plant unit) \_ (June 2011).
- o Dal Motor Company,  
**Trainee** | Service department \_ (September 2009).

#### **Software Familiarities**

- o 3D CAD design (AUTOCAD) & (CATIA).
- o Autodesk Revit MEP.
- o Solid Works.
- o Pipesim.
- o AMETank.
- o PV Elite.
- o Primavera V6.

### **Courses:**

- Business Analysis Preparation.
- Natural & Shale gas fundamentals, technologies & economics\_ (The Texas A&M engineering experiment station gas and fuel research center).
- Process Hazards Analysis (PHA).
- Process Safety Management (PSM).
- Fundamental of piping engineering.
- PMP preparation.
- Materials, Corrosion, & Inspection (MCI) training \_ PETRONAS SUDAN
- API 570.
- Petroleum economics.
- Industrial automation engineer.
- Basic hydraulic system.
- Electric and electronic fundamentals.
- Basic diesel engine.
- Safety and workshop tools.

### **Building services engineering courses:**

- BSEC-DCOM Building Services Engineering Consultant\_ Global Board of Quality and Standard.
- Plumbing system.
- Safety and OSHA.
- Fire Fighting system.
- HVAC (Air conditioning).
- Electrical installation system.
- Low voltage system.
- Electromechanical system.
- Automatic control system.
- BMS & Intelligent building.
- Design of building services system.
- Design complete project using AutoCAD.
- Building services system installation.
- Operation and maintenance of MEP system.
- Standards, Tests & commission.
- Introduction to BIM.
- Design complete project using Revit MEP.

### **Memberships:**

- Federation of Arab Engineers.
- Sudanese Engineering Council.

**References:**

1. Name: Eng. Murasin Elrasheed Omer  
Place of work: SUDAPET Co.  
Engineering, Project and Facilities Manager  
Mobile: +249 912 161540
2. Name: Eng. Osman Abd-Alhafeez Abd-Allah  
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Business development Suction Head  
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3. Name: Eng. Mohamed Babiker Hassan  
Place of work: SUTRAC \_CAT  
Supervisor Engineer  
Mobile: +249 912 337 878
4. Name: Eng. Abd-Allah Dafa-Allah Ayoub  
Place of work: Sudanese Sugar Company  
Boilers department manager  
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