

Abubakr Hamid Mohammed Haj-Ahmed



Mechanical & Piping Engineer

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Summary of Experience: - Almost (11) years' experience in Oil and Gas EPC environment, covering all aspects of Engineering, Procurement, Construction and Commissioning.

One of multi-discipline and cultural Project Consultancy Management Team (PMC).

(04) Years' experience in maintenance & maintenance managements.

Education

BSc in Mechanical Engineering (Production) from Sudan University of Science & Technology

MSc Engineering Project Managements (ongoing)

Certifications

PMP preparation course (2021 Millstone)

Pressure Vessels & Process Equipment Design & Engineering (2019 IMECH – INDIA)

API 570 (2019 IPEBS – INDIA)

BGAS grade 2 (2016 Sure track – Sudan)

CSWIP 3.1 (2015 Sure track – Sudan)

ANSI LEVEL 2 (2014 PTC)

Work History

June 2014 – current: **Mechanical & piping Inspector.**

Centroid Technical Services

(FSF Contract type of budget 155MM USD Block 2A, 2B&4)

Main Task and duties:

- ✚ The scope is broad and sensitive as it's involves wells tie-in to sustain production and meet company production target that requires to closely follow-up procurement, construction and commissioning. This may require an interface with different company sections and coordination between contractors.
- ✚ Verify readiness of Contractor to perform work then issue Service.
- ✚ Manage all contractors' mechanical engineers to insure mechanical completion and quality requirements of construction work.
- ✚ Detailed technical responsibilities not limited to:
 - i. Interpretations of codes, quality plans and clients specifications to insure compliance with client requirements.
 - ii. Manage welders testing and certifications according to ASME Sec.IX.
 - iii. Performed QC surveillance for all site activities and appropriate closure of non-conformances.
 - iv. Perform regular visual inspection for welding activities.
 - v. Perform coating visual inspection and holiday testing.
 - vi. Carryout and review NDE results as required (DPT, RT, MPI...Etc.) according to ASME B 31.3 & API 1104.
 - vii. Review and signing of test packages for mechanical completion and quality requirements before release for hydro test and commissioning as well.
 - viii. Wrote and revised maintenance procedures.

January 2012 – March 2014: **Maintenance Manager**

Al-jawad Printing & Packaging – Dammam - KSA

- ✚ Schedules repair, maintenance, and installation of machines, tools, and equipment to ensure continuous production operation
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- ✚ Directs maintenance activities on utility systems to provide continuous supply of heat, steam, electric power, gas, or air required for operations.
- ✚ Develops preventive maintenance program in conjunction with maintenance staff.
- ✚ Reviews production, quality control, and maintenance reports and statistics to plan and modify maintenance activities.
- ✚ Plans, develops, and implements new methods and procedures designed to improve operations, minimize operating costs, and effect greater utilization of labor and materials.
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October 2010 – November 2011: Piping Engineer

Shams Contracting for Tanks & Piping

Main Task and duties: installation of a new petrochemical factory in GIAD Industry City consists of:

- ✚ Cooling tower.
- ✚ Boiler station.
- ✚ Air compressors station.

- ✚ Four tanks for raw materials.
- ✚ Chiller Unit.
- ✚ Three Chemical mixing units

Work completed successfully, tested, commissioned and handed over.

Sep 2009 – Sep 2010: Mechanical Engineer

Greater Nile Petroleum Operating Company GNPOC

FIP- 4 (Project Budget 5 MM Euro).

- ✚ The scope comprises of: installation of new smoke detection system
- ✚ Corrugated Plate Interceptors (CPI) separator at Unity FPF.
- ✚ Fire water bonds at Heglig CPF.

Work completed successfully, tested, commissioned and handed over.

Oct.2007 – Aug.2009: Production Engineer

SUDATRAF

All mechanical stages of manufacturing transformers from 100 KVA – 2000 KVA.

Sep.2006 – Sep.2007: Maintenance Engineer

Damps Implementation Unit (DIU) Maraway damp.

Auto mobile maintenance engineer & workshop coordinator.

Capabilities

- ✚ Good Knowledge with computer and reporting in addition to excellent verbal and written Communication skills.
- ✚ Well-versed with Planning Software-MS Project 2007, Preparation of Complete resource loaded and progress S-curve and Billing & Quantity Calculation.
- ✚ Identify well in advance about project bottle necks in achieving the planned progress and to propose corrective actions to recover or minimize the slippage.
- ✚ I can integrate Earned Value Management System, and provides consistent, numerical indicators with which it can evaluate and compare projects.

Declaration

I hereby declare that all information provided by me is true to best of my knowledge and belief.