

Ahmed Mohameddeen Abdelrahman Ali

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R E S U M E

PERSONAL STATEMENT

I'm an adaptable and innovative qualified Mechanical Engineer with 10 years experiences participating in upstream oil & gas industry EPCC project and plant maintenance & reliability engineering.

I have good knowledge and experience of oil & gas processing piping & equipment construction and maintenance for static & rotating equipment.

As a part of my roles and responsibilities as a Mechanical Engineer I used to be involved in all construction and maintenance activities related to oil gas processing facilities since earlier stages of engineering, construction & commissioning and up to putting the strategies and management program for facility maintenance and inspection according to the relevant international standards and specification.

My involvement in EPCC project gave me a different way of thinking when it comes to maintenance and assets integrity management programs that comes from the knowledge and awareness of engineering drawings, construction standards, specifications, QSHE, process philosophy, procedures, ITP, QAQC, documentation, material specification, material supply & procurement, etc.. the thing which qualified me to deal with the plant maintenance programs in a professional standard based, open minded way. I also have good awareness of in service plant static equipment like piping, pressure vessels & tanks inspection and integrity management according to standards like ASME, API & ANSI

I also used to participate in project LLI design, inspection & performance testing, vendor qualification and commissioning including rotating equipment like pumps, compressors, and diesel & gas engines.

I'm looking to develop my expertise in new concept development within a forward thinking company.

KEY SKILLS

Technical Skills

- CAESER II, piping stress analysis
- Pipesim – piping network flow optimization
- MS Office
- SAP

Certificates

- CWI – Certified Welding Inspector, AWS Q1 Compliance certificate
- ASNT Level II, VT, RT, UT, PT

Memberships

- Sudanese Engineering Council (No.: 13576 / م.ه.س.م.خ)
- American Welding Society (No.: 16101891)

EDUCATION

- *Omdurman Islamic University*
BSc (Hons) Mechanical Engineering, 2002 - 2007

WORK EXPERIENCE

- **2010 to 2020:** Mechanical Engineer in Sudanese Petroleum Corporation, Department of Projects and Facilities under the Oil Fields Development Administration.
- ✓ **Responsibilities:**
 - Review of Work Program and Budget, participate in EPCC Projects phases, perform Technical and Commercial Evaluation for Projects; Participated in huge number of EPCC projects as project team leader/

member in every project stage as project strategy plan, conceptual & basic design, HAZOP sessions, detailed engineering design, procurement, construction & commissioning.

- Review Plant Maintenance Program, Supervise equipment maintenance routine & planned jobs for Power Plant & other heavy rotating equipment.
- Participate in plant assets integrity program as per international standard as inspection supervision team member; piping, tanks & pressure vessels

✓ **Projects:**

- Fula Phase III Projects: An upstream EPCC projects for crude oil processing facilities with total cost of more than 200,000,000 USD
- Hadida-Baleela Transit Line Project: EPCC project for 150km upstream crude oil 12” pipeline with total cost of around 50,000,000
- Aljabalayn CPF Assets Integrity Program: 300,000 BOPD processing capacity plant, Inspection program according to API 570, 510, 653. Participated as inspection supervision team member, review and approve inspection plans, inspection procedures and final inspection reports.
- South Sudan Processing Facilities Rehabilitation Projects: Participated as project supervisor huge rehabilitation projects for crude oil upstream processing facilities ; flowlines, OGMs, FPF, transit pipelines which have been out of service for more than five years.
- Supervision of Fula fields facilities maintenance program; Full oil field processing facilities includes FPFs, CPF, Power Plant and pipelines, supervision and review of the facilities routine, corrective and preventive maintenance programs; (pumps, compressors, heaters, diesel & gas engines, power plan overhauling, associated gas recovery engine driven compressors overhauling and others), and asset integrity management program (static equipment inspection plan development and implementation, process piping and flow lines integrity management, protection systems “CP” enhancement, corrosion monitoring,... etc)

TRAINING & COURSES

- NDT: ASNT Level II; RT, UT, VT & PT – Petroleum Training Center, Sudan
- Safety in Petroleum Industry – Petroleum Training Center
- Vibration Measurement in Rotating Equipment – Petroleum Training Center
- Radiation Protection Safety - Petroleum Training Center
- Application of Hazard & Operability Study (HAZOP) – ALG Training
- API 570 Preparatory Course – Quality Control, Egypt

PERSONAL INTERESTS

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- Sports (I play football, basketball and practice swimming),
 - Reading (History & Personal development)

REFERENCE

- Mr. Abdelmagid Mansour Abdelmagid,
 - Sudanese Petroleum Corporation, Oil Exploration & Production Administration, Field Development Technical Manager
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- Fadul Abdalla Ahmed,
 - 2B OPCO Operating Company
 - Vice President
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