

# Salah Eldien Mustafa

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Title: Senior Project Engineer | Engineering Team Leader | PMP®, PMI-RMP® Certified

Location: Riyadh, Saudi Arabia

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## CAREER OBJECTIVE

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Senior Project Engineer with over 26 years of experience in the Oil & Gas industry, including 14 years in project management for onshore field surface facilities, pipelines, gas utilization, and power projects. Proven ability to lead multidisciplinary engineering teams through FEED, detailed design, QA/QC, procurement, construction, and commissioning phases. Possesses a strong technical background in mechanical, rotating equipment, and piping systems, along with deep knowledge of international codes and standards (API, ASME, ASTM, IEC, ANSI). Certified PMP® and PMI-RMP® with extensive experience managing budgets, risks, and contractor performance on International-standard EPC projects.

## Work Experience

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### Team Leader, Engineering | 2B Operating Company Ltd., Sudan

- (2015 - Present)
- Led engineering and construction activities for field surface facilities, water injection, and power plant projects.
- Developed project cost estimates, technical reports, and schedules in line with management objectives.
- Supervised procurement, documentation control, and performance indicators for multiple EPC packages.
- Supported design development, contracting, and project execution aligned with API/ASME/ASTM standards.

### Senior Mechanical Engineer | Greater Nile Petroleum Operating Company Ltd., Sudan

- (2013 - 2015)
- Provided mechanical engineering support on rotating equipment and pipeline facilities.
- Conducted feasibility studies, plant modification reviews, and cost estimation for expansion projects.
- Supervised consultants and contractors ensuring compliance with company and international standards.
- Led design review, HAZOP participation, and commissioning activities for surface facility systems.

### QA Engineer | Greater Nile Petroleum Operating Company Ltd., Sudan

- (2011 - 2013)
- Implemented QA/QC programs across new project phases to ensure compliance with specifications.
- Oversaw construction inspection, materials testing, and contractor QA systems per ISO/API standards.
- Delivered welding and material selection consultancy in accordance with ASME/API practices.

### Maintenance Supervisor | Greater Nile Petroleum Operating Company Ltd., Sudan

- (2002 - 2011)
- Managed pipeline pump station maintenance (PM, CM, overhaul) and spare parts inventory systems.
- Conducted root cause analyses and pre-commissioning checks ensuring readiness of mechanical systems.

### Mechanical Maintenance Section Head | Abu Gabra Refinery Company Ltd., Sudan

- (1999 - 2002)
- Managed mechanical maintenance of pumps, valves, heat exchangers, and rotating equipment.
- Prepared annual maintenance budgets, spare parts forecasts, and preventive maintenance plans.

### Mechanical Engineer | Sudanese Crude Oil Corporation, Sudan

- (1997 - 1999)
- Oversaw preventive and corrective maintenance of storage station mechanical systems and pumps.

## Education

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- B.Sc. (Honors) in Manufacturing Engineering: Nile Valley University, Sudan (2020)
- Bachelor in Engineering Systems Management: Nile Valley University, Sudan (2005)
- Diploma in Mechanical Engineering (Production): Sudan University of Science & Technology (1994)

## Key Projects

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- Neem Field Gas Utilization Project
- Field Surface Facilities (FSF) Project - Mechanical & Electrical Distribution Systems
- Gas Venting System EPCC Project - Bamboo FPF
- Gas Compressor Installation for Gas Cyclic/Flooding Injection
- Export Crude Oil Quality Improvement Project
- Facilities Improvement (FIP) Projects (Block 2B, 2A & 4)

## Certifications

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- PMP® - Project Management Professional: PMI, Credential No. 2161965 (2018)
- PMI-RMP® - Risk Management Professional: PMI, Credential No. 3422485 (2023)

## Core Competencies

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- Project & Engineering Management (EPC / FEED / Commissioning)
- QA/QC, Risk & Safety Management (HAZOP, ISO, API/ASME standards)
- Mechanical Design, Rotating Equipment, and Pipeline Systems
- Budgeting, Cost Estimation, and Progress Reporting
- Contractor Supervision and Multi-discipline Team Leadership
- Procurement, Vendor Management, and Construction Oversight

## Languages

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- Arabic (Native)
- English (Fluent)