

Abdelrahman Ismail

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PROFESSIONAL SUMMARY

Skilled Mechanical engineer with over 14 years of experience in a variety of engineering aspects. With mastery experience in Implantation, Design , Quality Control, Management, Planning & Scheduling in MEP.

WORK HISTORY

Operation ENGINEER | 09/2020 – Currently

Petro china – Iraq , oil and gas

Project: operation of fire water supply and source plant for central process facility:

- Fire water demand calculations
- Firewater network design calculations
- Fire water suppression system
- Fire water storage
- Fire water pumps

Assets management:

- Compared shop drawings against tender drawings of contractor to determine compliance.
- Reviewed construction schedule to monitor progress and developments.
- Established controls and operating procedures for functionality, safety and long-term durability.
- Established and maintained strong working relationships with stakeholders to review, improve and successfully achieve objectives.
Participated in project site meetings to gather information and updates.
- Composed technical clarifications to establish compatibility with design.
 - Firefighting system design and calculations.
 - Fire safety assessments and hazard analysis.
 - Designing fire water systems to meet flow requirements.
 - Inspection, testing, and maintenance of fire protection systems.
 - Reviewing and improving firefighting system designs.
- **Project:** yearly maintenance CPF - Iraq
Project: Installation of new fire fighting system for Tanks - Riyadh

Maintenace ENGINEER | 12/2015 - 08/2019

Gulf Catering company - Riyadh, Riyadh Region

- Fleet management and maintenance of vehicles.

- Operation of vehicles by oracle system

PROJECTS ENGINEER | 01/2013 - 01/2015

Autorider Building Materials Co. Ltd MITSUBISHI - Khartoum, Sudan

- Used investigative troubleshooting strategies to efficiently locate and diagnose system faults.
- Led project scheduling and budgeting to successfully complete engineering projects within target parameters.
- Evaluated technical drawings and plans using computer software.
- Detected recurring problems and developed stellar solutions.
- Compiled project specifications, determining equipment and resources required to complete project.

MAINTENANCE ENGINEER | 01/2011 - 01/2013

deiseal generator - Khartoum , Sudan

- Kept working knowledge of high volume production equipment, processes and assembly lines.
- Diesel engine overhauling.
- Testing and commissioning.

SKILLS

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| <ul style="list-style-type: none"> • Microsoft Office Suite • Project budgeting • HAP software platform • Risk assessment • Plumbing • Strong decision maker • Bill of Material (BOM) • AutoCAD proficient | <ul style="list-style-type: none"> • HVAC/MEP design(pipe & duct sizer, Dialux, REVIT MEP , Elite fire SW) • Advanced critical thinking • Dimensional analysis • Cost estimation • Leading technical teams • Employee management |
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EDUCATION

Sudan University For Science & Technology - SUDAN | Bachelor's degree

Mechanical engineering , 2011

Institute of Piping Engineering & Building Service - INDIA | Diploma HVAC

Design & Drafting per ASHRAE , 2014

Institute of Piping Engineering & Building service - INDIA | Diploma

Fire Fighting Systems Design per NFPA , 2014

Charisma Workforce Development - SUDAN | OSHA

CERTIFICATIONS

- HSE Certified officer