

MOHAMED ELFATIH YASSIR FADUL

Location: Doha, Qatar

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Driving License: Valid (Qatar)

Mechanical Technician | Mechanical Engineer

Experienced Mechanical Technician and Engineer with a strong background in maintenance, repair, and equipment safety. Skilled in interpreting technical documentation, utilizing precision tools, and ensuring adherence to safety standards. Eager to apply expertise to long-term & short-term projects in the power plant industry.

Skills

- Mechanical Maintenance & Equipment Repair
- Precision Measurement (e.g., micrometers, calipers)
- Equipment Installation & Alignment
- Blueprint & Schematic Reading
- Project Management Professional (PMP) Knowledge
- Carpentry, electrician, plumber and painting
- Microsoft Office (Excel, PowerPoint, Word)
- Safety Procedures (SUST-certified)
- Strong Organizational & Problem-Solving Skills

Experience

Mechanical technician

Madre integrated engineering - Qatar, Ras laffan

Nov 2024 _ Dec 2024

- Perform regular maintenance such as lubrication, cleaning, and alignment checks.
- Monitor blower operation to ensure consistent air supply for aeration tanks
- Replace gears, seals, or bearings when damaged.
- Operate and test valves to ensure proper functioning.

Mechanical Technician

Electric Motor – Khartoum, Sudan

Oct 2021 _ July 2023

- Administered maintenance and enforced safety protocols for mechanical equipment across local plants.
- Managed installation, operation, and maintenance of various machinery, coordinating with clients to meet requirements.
- Handled precision tools and technical documentation to ensure equipment alignment and compliance with design specifications.
- Led team activities to improve cohesion and effectiveness in high-demand environments.

Education

Bachelor of Science in Mechanical Engineering

Sudan University of Science and Technology

Nov 2014 – Oct 2021

Certifications and Training

- **Mini Master's Degree in Mechanical, Electrical, and Plumbing (MEP)**

Top Leader's Professional Training Center – Khartoum, Sudan

Nov 2022 – Oct 2023

- Completed intensive training across mechanical, electrical, and plumbing systems, including HVAC, fire safety, low voltage, and professional project management.
- Created detailed designs using AutoCAD and Revit, gaining practical experience in planning and installation of industrial equipment.
- **Hands-on training at Bahri Power Plant Steam Turbine Station:**
 - Developed critical skills in dismantling, assembling, and aligning machinery in a high-stakes power plant environment over a one-month period.
 - Practiced precise alignment techniques using tools such as micrometers, dial indicators, and torque wrenches.
 - Gained experience in turbine maintenance procedures, including inspection and replacement of parts, aligning with industry standards for safety and performance.

- **Occupational Safety and Health Administration (OSHA) Training**

Sudan University of Science and Technology – Khartoum, Sudan

Nov 2022 – Dec 2022

- Acquired expertise in OSHA standards and PPE use, focusing on industrial safety for equipment handling.
- Trained in the P.A.S.S. method for fire extinguisher operation and conducted safety inspections on scaffolding, cranes, and tie ropes.

Languages

- Arabic
- English