

Abu-bakr Mohamed Hassan Mohamed

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 **Home:** Doha (Qatar)

ABOUT ME

Facilities Engineer with over 10 years of experience in operation and electrical site engineering. Expertise includes optimizing infrastructure, managing complex electrical systems, and ensuring compliance with industry standards. Proven ability to deliver projects efficiently and effectively for leading companies.

WORK EXPERIENCE

Site Engineer

Mushrif al Doha [06/2023 – Current]

Country: Qatar

- Oversee on-site construction activities, ensuring all work aligns with project plans, specifications, and safety standards, while maintaining strict adherence to client and regulatory requirements.
- Coordinated with project managers, subcontractors, and stakeholders to streamline communication, resolving conflicts and achieving a 20% improvement in project execution efficiency and on-time delivery.
- Monitor construction progress, addressing any delays or issues to ensure timely completion of tasks, aligning daily operations with the overall project schedule and budget.
- Conduct regular inspections to ensure work meets quality standards, regulations, and codes, identifying and correcting issues early to maintain consistent construction quality.

Electrical Site Engineer

Sama Gulf [07/2021 – 02/2023]

Country: Saudi Arabia

- Supervised the installation and commissioning of 11 standby generators at King Khalid International Airport, ensuring seamless integration into the 21MW power system.
- Conducted site inspections and coordinated with contractors to ensure compliance with project specifications and safety standards.
- Reviewed and approved electrical designs, material submittals, and shop drawings, ensuring adherence to project requirements and regulatory codes.
- Achieved a 15% reduction in project completion time by optimizing workflow and implementing efficient resource management strategies.

Electrical Site Engineer

Toledo Arabia Company [05/2017 – 07/2021]

Country: Saudi Arabia

- Conducted design reviews of the IFC package at King Khalid International Airport, ensuring all design-related codes were applied correctly and coordinating electrical works with other infrastructure disciplines.
- Supervised the installation of electrical systems, including cable routing, lighting poles, and power stations for the Tatweer Industrial City Project and King Khalid International Airport.
- Prepared and handled inspection work, ensuring compliance with project specifications, and managed testing and commissioning of electrical systems in coordination with vendors and manufacturers.
- Collaborated with planning departments, attended progress meetings, and provided regular reports on work progress to the Project Manager, ensuring timely project completion.
- Managed material submittals, labor and material planning, and the preparation of electrical shop drawings, ensuring adherence to project specifications and authority regulations.

Operation Engineer

Sudanese Electricity Distribution Co. Ltd [12/2013 – 01/2017]

Country: Sudan

- Monitored and managed daily operations of electricity distribution networks, ensuring consistent power supply and addressing outages promptly.
- Coordinated with maintenance teams to conduct inspections and repairs, minimizing downtime and enhancing system reliability.
- Analyzed system performance data to identify areas for improvement and implemented strategies to optimize distribution efficiency.
- Collaborated with cross-functional teams to ensure compliance with safety standards and regulatory requirements during operations.

EDUCATION AND TRAINING

Bachelor of Electrical Engineering

University of Pangasinan [2013]

Country: Philippines

CERTIFICATES AND COURSES

Safety Engineering Certificate

NETWORKS AND MEMBERSHIPS

Saudi Council of Engineers - 2017

Sudanese Engineering Syndicate - 2013

DIGITAL SKILLS

Microsoft Office / Computer-Aided Facility Management (CAFM) Software / SCADA Systems / Revit for Facilities Planning / Data Analysis and Reporting Tools (e.g., Excel, Power BI) / HVAC Control Systems / Project Management Software (e.g., Microsoft Project, Primavera) / Facility Management Information Systems (FMIS) / Building Information Modeling (BIM)

ORGANISATIONAL SKILLS

Project Management | Time Management | Resource Allocation | Task Prioritization | Process Optimization | Team Coordination | Budget Management | Documentation Management | Compliance Monitoring | Scheduling | Problem-Solving.

LANGUAGE SKILLS

Mother tongue(s): Arabic

Other language(s): Tagalog | English

DRIVING LICENCE

Qatar Driving Licence