

Khalid Mohammed Alfayez

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Khalid Alfayez

Saudi Arabia

SUMMARY

specializing in Electrical Construction and Operation & Maintenance (O&M). Proven competence in field execution at King Salman Park and maintenance operations at National Guard Health Affairs (MNGHA). PMP certified, leveraging technical and coordination skills to oversee Testing & Commissioning and onsite installations, while ensuring strict adherence to International Technical Standards and HSE regulations.

EXPERIENCE

Kalpataru Projects International Limited | Saudi Arabia

Electrical Site Engineer – Master Gas System 3 (MGS-3 Project) | March 2025 – Present.

- Supervise gas pipeline extensions & Launcher/Receiver station installations per engineering drawings.
- Install electrical room equipment, including transformers, ATS panels, and lighting systems.
- Implement solar power systems and cathodic protection for pipeline integrity and sustainability.
- Coordinate with teams to maintain smooth workflow and resolve on-site technical issues.
- Ensure strict compliance with Aramco (SAES) standards and HSE safety regulations.

First Fix Company | Saudi Arabia

Electrical Site Engineer – King Salman Park Project | December 2023 – March 2025.

- Supervised the installation of transformers, generators, panels, and complete electrical systems.
- Ensured adherence to national and international safety regulations throughout all project stages.
- Prepared technical reports and tracked project progress to guarantee timely completion.
- Collaborated with teams to resolve technical issues and enhance efficiency in resource utilization.

Njmat Fwasel Company | Saudi Arabia

Electrical Engineer | September 2022 – September 2023.

- Effectively oversaw all reactive, preventive, and predictive maintenance activities.
- Supervised the operation, monitoring, and upkeep of electrical equipment, boilers, and pumps.
- Managed maintenance tasks for desalination plant systems to ensure optimal performance.

National Water Company | Saudi Arabia

Electrical Engineer (Tamheer) | February 2022 – August 2022.

- Conducted preventive maintenance on transformers, generators, control panels, and pumps.
- Ensured operational reliability of electrical equipment through routine inspections and repairs.
- Responded to electrical faults and implemented corrective measures to minimize downtime.

EDUCATION

Shaqra University | Saudi Arabia

Bachelor's Degree in Electrical Engineering – Power Track | 2021.

OTHER

● Certifications & Courses:

- Project Management Professional (PMP) | Project Management Institute | June 2025 – June 2028.
- Fundamentals of Natural GAS & OIL Industry | Saudi Council of Engineers | 2025.
- Occupational Safety and Health Administration Course | OSHA | 2024.
- Fundamentals of Maintenance Management in Facilities | IMS | 2023.
- Fundamentals PLC & Classic Control | EA | 2022.

● Memberships:

- Member | Saudi Council of Engineers | ID: 931953.

● Hard Skills:

- Power Systems Analysis.
- PLC Programming.
- Control Systems Design.
- Testing and Commissioning.
- Electrical Testing & Troubleshooting.
- AutoCAD Electrical.
- Power Distribution Systems.
- Electrical Safety Compliance.

● Soft Skills:

- Communication.
- Problem-Solving.
- Attention to Detail.
- Time Management.
- Critical Thinking.
- Analytical Skills.
- Collaboration and Teamwork.
- Flexibility and Adaptability.

● Languages: Arabic, English.