

KHALID ALZHRANI

ELECTRICAL ENGINEER

📍 Almanar Dst, Riyadh City

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Electrical Engineer with 5 years of experience in construction projects, specializing in electrical works inspection, and handover. Expert in supervising on-site electrical installations and finishing works while ensuring compliance with project specifications. Proven ability to coordinate between engineering teams, contractors, and consultants to deliver projects meeting quality standards and deadlines. Additionally, responsible for training and developing new engineers and technicians through comprehensive technical programs, hands-on mentoring, and performance evaluation to enhance team competency and project efficiency.

WORK HISTORY

Electrical Engineer & Trainer | TECHNICAL ELECTROMECC WORKS CO. LTD **05/ 2024 - present**

- Designed and implemented a comprehensive 6-month technical training program for new graduate engineers and technicians.
- Developed and implemented technical training programs for new engineers and technicians to ensure they acquired the necessary practical skills and technical knowledge.
- Supervised electrical installations to ensure adherence to design specifications and regulatory standards while coordinating with engineering consultants for seamless project execution.

Site Engineer | ALBAWANI.CO **12/2023 - 05/2024**

- Supervised electrical installations and finishing works, conducted final inspections, and coordinated handover to the project's operating offices (client/consultant representatives) at site.

Project Engineer | SAUDI NETWORKS COMPANY **03/2021 - 03/2023**

- Managed warehouse operations, procurement, and material logistics for electrical projects while overseeing on-site work progress and ensuring quality control compliance.

Electrician | AMART ALWADI EST **01/2014 - 11/2014**

- Performed electrical maintenance, troubleshooting, and maintained detailed reports to ensure operational efficiency.

EDUCATION

Bachelor of Engineering Technology in Electrical Power

Technical Trainers College - Riyadh

GPA: 3.40 out of 5.00

Graduation Year: 2018

Vocational Trainer Certificate (Vocational Pedagogy)

Technical Trainers College, Riyadh

1500 Training Hours (50 ECTS Points)

Completed: 2018

Associate Degree in Electrical Machines and Equipment

College of Technology at Albaha

GPA: 3.98 out of 5.00 (Very Good)

Graduated: 2014

PATENTS

Advanced Ring Ship for Containing Offshore Oil Well and Pipeline Spills

- Patent No.: SA 1020247512
- Filing Date: 28 November 2024
- Awarded by the Saudi Authority for Intellectual Property (SAIP).

CERTIFICATIONS & COURSES

- Project Management Professional (PMP)
- Photovoltaic Solar Systems
- Health & Safety Certification
- Crisis Management
- CEFR Level A2 English
- Vocational Trainer Certificate
- Electrical Design

SKILLS

TECHNICAL SKILLS

- Excel (Advanced - Data analysis, pivot tables)
- Word (Technical documentation)
- PowerPoint (Professional presentations)
- Outlook (Email and calendar management)
- AutoCAD

SOFT SKILLS

- Technical Documentation
- Coordination
- Time Management
- Problem Solving

LANGUAGES

- Arabic (Native)
- English (Intermediate)

PROJETS

MISK SCHOOLS - Educational Facility Project

Managed the distribution and connection of electrical loads for classrooms and laboratories.
Oversaw the implementation of communication and security systems within the building.

STP STATION - Pumping Station Project

Supervised the on-site installation of the project offices and facilities.
Conducted troubleshooting, prepared detailed fault reports, and proposed effective technical solutions.

THE STAGE HOTEL - Power Systems Project

Supervised the installation and commissioning of main and secondary electrical distribution panels.
Performed testing and operation of emergency and lighting systems to ensure compliance with top safety standards.

KEMPINSKI HOTEL - Power Systems Project

Verified and ensured all materials and equipment complied with project specifications and standards.
Supervised the installation and commissioning of main and secondary electrical distribution panels.