

Omer Bilal

Electrical Engineer

Saudi Arabia | 0501563039 | omerbilal660@gmail.com |

Summary

Electrical Engineer with 3 years of hands-on experience in electrical system installation and design for construction and consulting projects. Proven ability to lead complex electrical projects from inception to completion. Optimize electrical systems for energy efficiency and collaborate effectively with architects, contractors. Technical skills AutoCAD, Revit, SBC401, NEC, IEC, etc.) codes. Seeking a challenging role to contribute expertise and drive successful project outcomes.

Experience

Electrical Site Engineer

Kafaah Mining, Sudan | 08/2022 – 04/2024

- Oversee all electrical engineering aspects of the PMO project, including design, installation, and commissioning activities related to electrical systems and equipment.
- Oversaw materials and equipment procurement aligning with codes, standards, and contract requirements.
- Developed pricing, tenders, and contracts for electrical project components.
- Revised, modified, and approved electrical designs for project compliance.
- Supervised motor, panel, and cable maintenance operations.
- Led vendor and supplier establishment, attendance, and performance approval.
- Prepared, verified, and approved Bills of Quantity (BOQs).

Site Engineer

Fire Follow System Co. Ltd, Sudan | 01/2021 – 07/2022

- Coordinate material procurement and delivery to ensure project timelines are met.

- Conduct comprehensive electrical testing to guarantee system functionality and safety.
- Verify work quality and adherence to design specifications.
- Prepared and submitted invoices for completed work stages.
- Managed project timelines, budgets, and resources.

Education

Omdurman Islamic University | Bachelor of Science in Electrical Engineering. 2022
Major: Electrical engineering

Skills & abilities

- Strong knowledge of electrical codes and regulations (SBC401, NEC, IEC, etc.)
- Excellent attention to detail and ability to identify deficiencies in electrical systems.
- Proficient in reading and interpreting electrical plans and specifications.
- Transferable Iqama.
- Registered with the Saudi Engineering Council.
- Familiarity with relevant software and tools for conducting inspections and documenting findings.
- Excellent Written and Spoken English.
- Strong understanding of electrical circuits, power systems, electromagnetic theory.
- Proficiency in designing electrical systems, components, and layouts, as well as analyzing their performance and efficiency.
- Expertise in electrical engineering software tools (AutoCAD, Revit) for design, analysis, and simulation.
- Ability to diagnose and resolve electrical

I have good knowledge in infra projects of MV Networks from connecting equipment together (MV switchgear , MV cables , RMU , distribution transformer) in an open loop And feeding distribution transformers through two section from two different substations To ensure reliability in the event of a power outage.

Languages

- Arabic (Native).
- English (Intermediate).