

Omer Bilal

Electrical Engineer

Saudi Arabia | 0501563039 | omerbilal660@gmail.com|

Summary

Electrical Engineer with 4 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

Consultant Electrical Engineer

C.Bloc Consulting, KSA | 02/2025 – 09/2025

- ensure that the works are carried out according to the Contract Specification, approved method statement and the shop drawings.
- monitor the progress of work in relation with the work program and to report to the Project Manager.
- co-ordinate with the Main contractor, MEP coordinator, Safety Officer for a safe and proper execution of the works.
- Provide technical support during construction phases, addressing field-related issues, coordinating field changes, and ensuring compliance with design intent.
- Work closely with architects, mechanical engineers, and other stakeholders to ensure seamless integration of electrical systems with overall project design and requirements.
- Collaborate with project stakeholders to assess project requirements, develop electrical engineering plans, and ensure alignment with project objectives and timelines.
- Conduct technical reviews and analysis of electrical drawings, specifications, and

calculations to ensure compliance with project standards and regulatory requirements.

Electrical Site Engineer

Kafaah Mining, Sudan | 01/2023 – 12/2024

- 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 | 01/2022 – 12/2022

- 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.

COURSES:

.HOME ELECTRICAL SYSTEM

UDEMY 7/7/2024

.USE MICROSOFT WORD LIKE A PRO

UDEMY 15/4/2024 (1.5 TOTAL HR)

.EMERGENCY BACKUP POWER STATION

UPS AND DIESEL GENERATOR SYSTEM BY ENG_ MOHAMMED EMAM

.ETAB ANALYSIS

BY ENG_ MOHAMED EMAM

.AUTOCAD ELECTRICAL

IO TRAINING CENTER (14/11/2022 _27/11/2022)

.DISTRIBUTION DIPLOMA 2022

BY: ENG_ MOHAMED EMAM (3MONTH)

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.
- Low current system (ELV). CCTV , Access Control, FA system ,PA system , BMS , Data Network , Intercom , TV system , FTTH , Telephone System.
- Strong understanding of electrical circuits, power systems, electromagnetic theory.
- Calculation for the Earthing System and Lightning System.
- Expertise in electrical engineering software tools (AutoCAD, Revit) for design, analysis, and simulation.
- Performing S.C and V.D%
- Calculating emergency loads (Diesel Generator and UPS).

Languages

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