

MOHAMED ELNAGAR

ELECTRICAL ENGINEER

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Summary

Energetic and detail-oriented Electrical Engineer with three years of experience in Saudi Arabia with a passion for learning and a solid foundation in electrical engineering principles. Possessing a blend of academic knowledge and hands-on experience, eager to apply skills in design, analysis, and project management to contribute effectively to engineering projects. Proficient in utilizing industry-standard software tools and conducting research to support innovation and problem-solving. Strong communication and teamwork skills, coupled with a dedication to continuous professional development, aiming to grow and excel in the field of electrical engineering. An enthusiastic team player ready to tackle new challenges and make a positive impact in a dynamic work environment.

Experience :

- IBRAHIM M.AL-ABOUD CO, KINGDOM OF SAUDI ARABIA | JUL 2024 UNTIL NOW
Job title : Electrical Site engineer and technical office
- GHITCO , RIYADH, KINGDOM OF SAUDI ARABIA | JUN 2022– JUN 2024
Job title : Electrical Site engineer and technical office

PROJECT :

I. COMMUNITY CENTER

- Designing the shop drawing for the project, including laud schedule and laud estimation based on the Saudi code before starting the project
- Selection of materials used and approved by consultant
- Inventory of all quantities for the project
- Arrange a time plan to work on regularly
- Lead the electrical engineering projects from design to completion
- Manage and monitor the day to day operations of the site
- Prepared project payment certificates and discussed them with the consultant to ensure approval and compliance with specifications.
- Coordinated with suppliers, negotiated agreements, and managed the timely delivery of required materials.
- Handled and resolved all challenges and issues arising during the project to maintain smooth progress.
- Addressed and fulfilled all project requirements in close collaboration with the consultant to achieve project objectives.

II. TILAL SAFWA_AL QATIF

- Designing the shop drawing for the project, including laud schedule and laud estimation based on the Saudi code before starting the project
- Selection of materials used and approved by consultant

- Inventory of all quantities for the project
- Arrange a time plan to work on regularly
- Lead the electrical engineering projects from design to completion
- Manage and monitor the day to day operations of the site

III. SAUDI ZONE IN BOULEVARD WORLED

- Designing the shop drawing for the project, including the infra based on the Saudi code before starting the project
- Selection of materials used and approved by SELA and consultant
- Inventory of all quantities for the project
- Arrange a time plan to work on regularly
- Work on the implementation of the infra for low voltage and light current and install manholes and connect them
- Completion of internal electrical works for shops from 1 Fix, 2 Fix and 3 Fix and close all small panels (DP,SMDB,MDB) -
- Work on installing large panels (MDB) and (SMDB) and supervising the termination for all panels
- Work on corruption boards and external lighting for all sites
- Work on the Billet of the site in all
- Delivery of the consultant all works

IV. KINGDOME ARENA IN BLVRD HALL

- Lead the electrical engineering projects from design to completion
- Manage and monitor the day to day operations of the site
- Perform electrical design and drawing for existing and new projects
- Conduct risk assessments to ensure safety and compliance with established standards
- Develop and implement quality assurance procedures for all electrical projects
- Provide technical support and guidance to junior engineers
- Assisted the senior engineer with the design and drawing of electrical projects
- Conducted periodic inspections and tests on site
- Performed maintenance and repair of electrical fixtures, equipment and systems
- Provided on- site support to project managers and site supervisors
- Prepared and submitted weekly reports on all projects Job title

V. THE VENUE IN BLVRD 2024

- Developed and managed the installation, testing, and maintenance of electrical systems, components, and equipment
- Conducted electrical tests, inspections, and surveys to identify electrical issues
- Assessed electrical systems, equipment, and components to identify and address safety issues
- Coordinated with contractors, vendors, and other stakeholders to ensure project completion
- Ensured compliance with all applicable codes and regulations
- Analyzed and interpreted electrical schematics and diagrams
- Developed and implemented preventive and corrective maintenance plans
- Coordinated with other departments to ensure effective project execution
- Resolved electrical issues in a timely and efficient manner.

VI. MEGA STUDIUM IN BLVD CITY

- Supervised implementation of work packages, from approval to Package closeout and postmaintenance testing.
- Motivated teams to deadline through regular site visits and Inspections, problem-solving accordingly and eliminating Bottlenecks.
- Created detailed project schedules, working closely with contractors to manage accurate, timely completion of work.

Soft Skills:

- Work Under Pressure. work in difficult situations with multi tasks management.
- Well motivated & quick learner with high ambitious moving forward and ready to learn from each mistake and experience gain the life and career opportunities
- Good Communication Skills.
- Responsibility.
- Problem Solving.

Expertise Skills

- Auto-Cad Electrical.
- Dialux evo.
- Circuit and wiring drawings.
- Dialux.
- Revit.
- Microsoft office.
- Design substantiation.
- Planning and designing.

Education

- B.S in Electrical Engineering and Computer Engineering with specialization in "Electrical Engineering" | (2022) Sinai University, Egypt.

Training courses:

- KNX
- Indoor lighting
- Outdoor lighting
- Distribution components
- Shop Drawing lighting and power
- Tender
- Site
- Power: Load estimation, Bulk equipment, Zoning, Small power, Routing, Earthling, Lightning, Panel schedule, Cable sizing, Single line diagram.
- Shop Drawing Low current: Fire alarm system, CCTV system, Structured cabling system, Publicaddress system, Nurse calling system, Access control system, IPTV system.

Languages

Arabic (Mother tongue)
English (Very Good)

Residency Status

- Have transferable residency.
- Have car
- Have Saudi driving license.