

Holds a B. Sc. in Electrical & Communications Engineering and has about 9 years experience working in construction, technical office and maintenance.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 05/07/1985  
Gender : Male  
Residence : Alexandria

## EDUCATION

: B. Sc. in Electrical & Communications Engineering, Thebes Academy, 2013

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD, Revit, Etap, Ecodial

## TRAINING COURSES AND CERTIFICATIONS

: LEED Green Associate™.  
: PMP.  
: Certified lean Six Sigma Green Belt.  
: Electrical Engineer Simulations using ETAP.  
: Power Distribution.  
: Power Factor & Harmonic.  
: Power Industry Corrosion Concepts.  
: Cathodic Protection Training.

## CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2021 till now  
Employer : Sabbour Consultant, Alexandria  
Job title : Technical Office Electrical Engineer

**Job Description** : 

- Reviewing and approving shop drawings for EL SALAM tower high rise building for various systems (power, lighting, BMS, fire Alarm, cable routing, load schedule).
- Testing and commissioning of MDB, distribution panel and MCC panel boards.
- Material approval and selection according to project specification and vendor list.
- Supervision installation work and ensure compliance with technical specifications.
- Supervision on installation of chiller plant including primary and secondary pumps.
- Approve and review coordination of shop drawings and material.

**Dates** : From 2020 till 2021

**Employer** : TELETECH, Cairo

**Job title** : Coordinator Manager

**Job Description** : 

- Develop and ensure implementation of tendering policies and procedures.
- Manage contractual issues through execution stage.
- Review forms, confidentiality agreement, pre-qualifications of sub-contractors, agreements, routine addendum & variations for contractor.
- Review, manage, and secure the client interest with necessary contractual documents bonds, warranties, insurance policy.
- Review extracts and all financial dues to the contractor.
- Manage contractual issues through execution stage.
- Follow-up with main contract the proposed modifications and evaluate the associated cost impacts.
- Monitor main contractors' performance, quality control of executed works, delays analysis, resolving site technical problems, and review and coordination of shop drawings.

**Dates** : From 2018 till 2020

**Employer** : DOMATHAH, Gizan – KSA

**Job title** : Technical Office Electrical Engineer

**Job Description** : 

- Deliver exceptional services within the organization by developing electrical drawings/designs, single line diagram, and load calculations.
- Contribute to the development of as-built drawings/documentation for the projects and bill of quantities and detailed estimates for electrical works systems.
- Achieve drawing approvals from consultants and start working on the project from inception to completion within the agreed budget and time constraints.
- Perform a variety of tasks, including identifying problems, recommending solutions for ongoing projects, developing requests for proposals, and evaluating bids for tenders.
- Develop and present engineering calculations in connection with field and office assignments for continuous service excellence and exemplary performance.
- Spearhead the successful project operations throughout the entire life-cycle, including preparing, reviewing, and approving contract documents

and specifications, creating modifications, and recommending alternatives as needed.

- Increased organizational growth by coordinating projects with other departments, contractors, and consultants; assured compliance with safety requirements and standards procedures.
- Direct, prepare, review, and approve contract documents and specifications, making modifications and recommending alternatives as needed.
- Manage project schedules and budgets and obtain permits for operations.
- Investigate problems and recommend solutions for ongoing projects.
- Obtain drawing approvals from consultants for the execution of work.
- Preparation of Bill of quantities and detailed estimates for electrical works systems.

<b>Dates</b>	:	From 2014 till 2018
<b>Employer</b>	:	SHABAKAT AL-MANSOURA, Riyadh – KSA
<b>Job title</b>	:	Electrical Site Engineer
<b>Job Description</b>	:	<ul style="list-style-type: none"><li>• Participated in the load estimation process for the newly proposed area in line with Saudi electricity company standards.</li><li>• Developed and maintained strong and corporate relationships with client and consultant by suggesting transformer, cable, panels, and ratings/types to achieve approval.</li><li>• Formulated and executed street and road lighting design for a newly proposed area, including some lighting column and rating as well as several panels and cable sizes.</li><li>• Performed all technical calculation, such as voltage drop calculation for street lighting/distribution networks, and short circuit calculation.</li><li>• Offered comprehensive and executive-level support to the civil and other departments for building the required infrastructure for electrical.</li><li>• Ensured that the designed criteria met with site works by organizing the FAT/SAT with clients.</li><li>• Attained Sceco's approval and created all required technical documentation to finish the projects by creating a stacking sheet for MV and LV network design for the proposed design.</li><li>• Preparing street/road lighting design for a newly proposed area including a number of lighting columns, rating, and a number of panels, cable sizes.</li><li>• Preparing stacking sheet for MV and LV network design for proposed design to get Sceco approval and all required technical paper works to complete the projects.</li><li>• All technical calculation such as voltage drop calculation for street lighting/ distribution networks, short circuit calculation, etc.</li><li>• Proposing transformer, cable and panels, ratings/types to the client or consultant in order to get approval.</li><li>• Visiting the site frequently to ensure proposed and actual site works are in line and if any problem arises from a site, a new proposal/ solution may be clarified with clients and instructing the site engineer to change the plan. Have a good ability to understand all electrical drawings, datasheet.</li></ul>

**Dates** : From 2012 till 2013 (during education)  
**Employer** : UNIVERSAL GROUP, Cairo  
**Job title** : Maintenance Engineer  
**Job Description** :

- Directed and controlled all functions associated with the maintenance and emergency repairs operations.
- Held accountability for the scheduling and performing periodic maintenance on all electrical equipment, components, and installations.
- Participated in the installation process of new electrical components and fitting while securing and maintain records of all stock and supplies.
- Streamlined business operations by creating and implementing working schedules for the technical staff team.
- Optimized organizational services within the company by troubleshooting machine breakdowns and delivering preventive maintenance services 24 hours a day.
- Advised management by offering appropriate recommendations for avoiding fire outbreaks.

**Dates** : From 2010 till 2012 (during education)  
**Employer** : TELE COMPANY, Cairo  
**Job title** : Assistant Engineer  
**Job Description** :

- Planned and conducted research programs and applied knowledge of electricity and materials to assess electrical systems, products, components, and applications.
- Joined educational workshops, analyzed professional publications, and established personal networks to maintain professional and technical knowledge.
- Increased organizational sales growth by developing and introducing CCTV and IP surveillance, access control, and fire alarm systems; organized and steered training programs for the project team members to increase their knowledge.
- Developed electrical products by studying customer requirements and researching and testing manufacturing and assembly methods and materials.

**Key Projects:**

- Al Salam Towers High Riser Building (Alexandria).
- Knowledge City at New Capital.
- Design & Install High Mast Lighting Pole with all Accessories (Dammam).
- Upgrade & Replace the Medium Voltage System 33KV (King Khaled Hospital).
- Design & Install Overhead Transmission for 13 km (Hair – Riyadh).
- Two Complex Schools Construction Work (Gizan).
- Install 4 Mega Transformer with 6 Cell of Switchgear (Nisah – Riyadh).
- Install Systems Security & Surveillance Cameras Outside.
- Design & Install Overhead Transmission Line for 8 Km (ALamryia – Riyadh).
- Install 12 Cell Switchgear with all Facility & Cables (Wadi Aldwaser).
- Upgrade & Replace Medium Voltage System with Cables Testing and

Commission for all Medium Voltage Equipment's (Riyadh).

- Field of experience :**
- Extensive leadership experience in electrical distribution construction and boards in a commercial and industrial installation for high-growth organizations.
  - Proven success in designing, developing, managing, and maintaining equipment to monitor systems, machinery, and processes.
  - Expert in installing electrical equipment, performing technical repairs, and ensuring maintenance procedures.
  - Possess in-depth knowledge of machine maintenance, automation, and instrumentation.
  - Instrumental in executing highly complex, multimillion-dollar, and large-scale projects, as well as directing diverse teams to resolve multiple/complex project issues while meeting deadlines on time.
  - Skilled at overseeing electro-mechanical repairs while ensuring the safe and efficient operations of electronic systems.
  - Conversant with creating and modifying overall engineering processes to increase productivity through process improvement.
  - Analytical planner adept at identifying maintenance challenges, as well as devising solutions to resolve issues; proven multitasking abilities to deliver outstanding professional results even after long work hours, or under stressful work situations.
  - CORE COMPETENCIES:
    - Electrical Engineering Management.
    - Electrical Design.
    - Project Governance and Control.
    - Equipment Execution and Maintenance.
    - Inspection and Refurbishment.
    - Site Surveys and Support.
    - Performance Optimization.
    - Risk Assessment and Mitigation.
    - QA/QC.
    - Health and Safety Compliance.
    - Process Improvements.
    - Diagnosing Electrical Issues.