

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 12 years hands-on experience with a comprehensive knowledge of designing, developing and maintaining electrical systems and components to required specifications, focusing on economy, safety, reliability, quality and sustainability. A consistent track record of successfully completing projects from the concept and detail of the design through to implementation, testing and handover, a comprehensive understanding of electrical health and safety regulations.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 11/01/1982  
Gender : Male  
Marital Status : Married

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Al-Azhar University, 2005

## **LANGUAGES**

Arabic : Native Language  
English : Excellent

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: CAD and BIM

## **TRAINING COURSES AND CERTIFICATIONS**

: Front Desk Manager at Halliburton Training Center in Egypt.  
: Engineering Development Program.  
: Classic Control and PLC S7 200 & S7 300 (SALESIAN DON BOSCO).  
: AutoCAD (MEP).  
: BIM.  
: Ecodial Advanced Calculation.  
: RADIATION - GENERAL AWARENESS.  
: ERGONOMICS - GENERAL.  
: BLOODBORNE PATHOGENS AWARENESS LEVEL.  
: RISK MANAGEMENT - EVALUATING RISK.  
: RISK MANAGEMENT - HAZARD IDENTIFICATION.

- : RISK MANAGEMENT - CONTROLLING RISKS.
- : HAZARD COMMUNICATIONS.
- : Training on different production lines in Training Center Egyptian Electricity Capital North Station.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2016 till now
- Employer** : EHAF Engineering Consultant, Cairo
- Job title** : Senior Electrical Engineer
- Job Description** :
- Prepare, inspect, maintain, design, analyze and improve various types of Electrical installation.
  - Review technical drawings, give approvals for all electrical related submissions by the contractor.
  - Verify that materials, manufactured goods, machinery, equipment, etc. supplied to the job site are in line with projects specification and granted approvals.
  - Ensure that the electrical drawings are in line and coordinated with other discipline design drawings of the project prior proceeding with work and to highlight to the project manger of any discrepancies for necessary corrections.
  - Inspect site for electrical work/installations and ensure that the carried out works are in compliance with contract drawings and documents.
  - Advise the Project Manager on the progress any monitored discrepancies.
  - Conduct site visits to advise Project Managers of any field issues and attend any co-ordination meetings required.
  - Observe and witness all buried services and gives approval prior to concreting/filling.
  - Arrange for samples of workmanship and establish minimum acceptable standards.
  - Assist and provide necessary data/information required by the project manager for the Preparation of reports (includes labor and supervision, plant and equipment, status, site progress, amendments, delays, etc.) for submission to Client.
  - Advise Project Manager on progress of electrical work and suggests actions.
  - Review Operations and Maintenance Manuals, as built drawings for completeness of documents.
  - Supervision of BMS (Building Management System) installation.
  - Supervision of low current systems installation (CCTV, MATV, fire alarm, sound system, data, and telephone).
  - Supervision of parking system installation.
- Dates** : From Jan. 2008 till May 2016
- Employer** : Halliburton, KSA
- Job title** : Senior Electrical Engineer

**Job Description** : 

- Prepare, inspect, maintain, design, analyze and improve various types of Electrical installation, onshore and offshore.
- Provide electrical engineering technical guidance and assurance for Project.
- Performances manage contractor discipline engineering. Review and advice on electrical engineering deliverables from engineering contractor.
- Contribute to the development of design documents including statement of requirements, basis of design and engineering design philosophies and strategies.
- Work with the engineering contractor during specification and technology selection process.
- Deliver key safety studies.
- Determine risks to delivery and ensure adequate risk mitigation plans are in place.
- Ensure HALLIBURTON ETP (Engineering and Technical Practices) requirements are addressed in the design.
- Inspect and attend maintenance works during maintenance and defect liability period.
- Provide mentoring and coaching assistance to develop junior engineers.
- Maintain a working knowledge of all relevant codes, standards, and regulations that pertains to process engineering.
- Provide leadership in addressing electrical design issues with consideration of cost, schedule and quality.
- Engage and manage specialist consultants in reviews on areas of technical importance or concern.

**Dates** : From Aug. 2006 till Dec. 2007

**Employer** : Horizon for constructions, Cairo

**Job title** : Electrical Field Engineer

**Job Description** : 

- Supervising & coordinating technicians during installation.
- Carrying out technical studies for the new designs.
- Deal with control circuit and electronic circuit.
- Deal with computer network (LAN & WAN).
- Checking sites before and after projects and sometimes following up the day-to-day operations during the project execution.
- Check on regular basis stocks in stores and provide the company with the best materials according to the budget and negotiate suppliers.
- Fixing budgets for projects and preparing with the finance detailed operational budget.

**Dates** : From Aug. 2005 till Aug. 2006

**Employer** : UNETCO for constructions, Nasr City, Cairo

**Job title** : Electrical Engineer

**Job Description** : 

- Supervising & coordinating technicians during installation.
- Carrying out technical studies for the new designs.
- Deal with medium tension and low tension panels and cables.
- Checking sites before and after projects and sometimes following up the day-to-day operations during the project execution.
- Handling maintenance works in some projects.

- Check on regular basis stocks in stores and provide the company with the best materials according to the budget and negotiate suppliers.
- Fixing budgets for projects and preparing with the finance detailed operational budget.

**Projects:**

- The Egyptian Center for Women's Rights.
- Grand Plaza Hotel.
- Katameya Downtown Mall.
- Halliburton Saihat Facility Expansion.
- SECON Nile Towers.

**Skills:**

- Experience to run Mega Projects (Hotels – High towers – Malls).
- Experience of working with PLC, Classic Control and different type of sensors.
- Able to assist or instruct electricians and wiremen.
- Strong decision-making skills and the ability to prioritize and plan effectively.
- Methodical approach to all tasks.
- Ability and also willingness to work in all weather conditions.
- Excellent customer facing and communication skills.
- Demonstrate a working knowledge of International engineering and safety standards.
- Demonstrate a working knowledge of Quality Management principles and practices.
- Good knowledge in planning and maintenance activities.