

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 3 years hands-on experience working in construction, design, technical study, maintenance and operation.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 20/02/1989  
Gender : Male  
Marital Status : Single  
Residence : Nasr City, Cairo

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2013

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD  
: Dialux  
: Relux  
: ETAP 7  
: Revit MEP

## TRAINING COURSES AND CERTIFICATIONS

: AutoCAD: Using CAD in designing Electrical Power Distribution.  
: Dialux & Relux: Lighting Design and Calculations.  
: Distribution: Design of Electrical Power Distribution system (Indoor & Outdoor).  
: Revit MEP: Using CAD in designing Electrical Power Distribution.  
: Operation and distribution panels: at South Cairo Electricity Distribution Co.  
: HR: Basics of Human Recourses and how to become Head HR.  
: Effective Communication Skills: at Dale Carnegie Training Center.  
: Schneider Course: Design, Maintenance & Testing of LV Electrical Installation:

- Type of Certifications required for inspection and testing.
  - Protection and safety against over load and fault current.
  - Protection and safety against electric shock.
  - General characteristics of the LV electrical installation.
  - Earthing arrangement.
  - Design calculations.
  - Testing of the LV Electrical installation.
  - Residual current devices.
  - Completion of test certificates and periodic inspection report.
  - Safety of electrical testing.
  - Practical measurements.
- : Trainings at:
- Cairo Oil Refining Co.
  - Petro Gulf Misr Co.
  - Talaat Mustafa Co. at Madinaty.
- : ICDL

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2016 till now (full time)  
From Dec. 2015 till Oct. 2016 (part time)
- Employer** : AMAD Co.  
AMAD Training and Technical Consultation Office is established in Egypt as an affiliated office of AMAD Group in Saudi Arabia, such entities are integrating to undertake different activities covering all technical, administrative, marketing, logistic and informational aspects in order to raise work efficiency in the service needing facilities.
- Job title** : Technical Study Electrical Engineer at Project "Electrical Safety System"
- Job Description** :
- Building a database for the specifications of Electrical Equipment. This step aims at:
    - Building a database for the specifications of electrical equipment and devices.
    - Studying and evaluate the requirements of the KSA building code pertaining to electrical extension.
  - I have been delegated to Riyadh, Saudi Arabia, on 17 February 2016, to Evaluate the International and Regional Experiments:
    - Qualifying workers to practice, design and implement electrical installation according to the American Training Resources at Santa Anna Canada and University of Michigan, USA.
    - Checking electrical equipment and appliances conformity with standards according to the Korea Testing Laboratories (KTL) at Korea, Japan Quality Assurance (JQA) at Japan and University of Auckland at New Zealand.
    - Inspection systems for the existing building and auditing electrical drawings for new building according to Electrical Safety Council at Scotland.
  - Inspection and Evaluation of Electrical Engineering Drawings, AMAD Technical engineers made a Template according to SASO Code.
    - This step aims at evaluating to what extent the existing building conform with the requirements of electrical safety together with detecting violations in each building. Also, the evaluation and audit

of engineering drawings conformity of such buildings with the requirements of electrical safety.

- As a Department Manager of electrical design mission, I made a design test to evaluate engineers to join us at our mission.
- Preparing Systems, Mechanisms and Work Manuals by Preparing and developing:
  - A guide for the procedures of upgrading standards and technical regulations of electrical devices and equipment in coordination with the Saudi Standard.
  - Mechanisms and work manuals for verifying the conformity of electrical devices and equipment, either locally manufactured or imported from abroad, with the standards and technical regulations.
  - Mechanisms, work manuals and procedures for surveying the markets and detecting nonconformities along with mechanisms for testing local and imported electrical equipment.
  - An integrated system for qualifying those who work with designing and executing electrical extensions.
  - Mechanisms and work manuals for licensing inspection bodies for to grant conformity certificates of buildings and engineering plans.
  - Preparing and developing mechanisms, work manuals and procedures for Reviewing the electrical design of the electrical extensions within buildings.
  - Mechanisms, work manuals and procedures for inspecting the existing buildings in order to verify their conformity with the Saudi Building Code.
  - System for creating a national committee for electrical safety (to be formed under the umbrella of the Ministry of Electricity and Water after completing such study).

**Dates** : From Oct. 2014 till Oct. 2016

**Employer** : TAQA Power Co.

TAQA Power, one of four branches at TAQA Arabia. It is the first private company licensed by Electric Ministry in Egypt to distribute and generate electricity in Egypt. So it has become responsible for feeding the most important investment projects in Egypt such as (Sharm El-Sheikh, Cairo, Red Sea) TAQA POWER Co. has six sites, such as (6th of October City, Al-Nakhil, Emaar Uptown Cairo, Cairo Festival City, Sharm El-Sheikh, Scimitar at Hurghada)

**Job titles** :

- Cairo Festival City: as Operation & Maintenance Engineer at M.V & L.V Network
- Al-Nakhil: as Operation & Maintenance Engineer at M.V & L.V Network
- Scimitar: Acting as Operation & Maintenance Manager at M.V & L.V Network

**Job Description** :

- Sharm El-Sheikh: Engineering Management Director
- Participate in taking TAQA Power ISO at Cairo Festival City.
- Maintain the feeding Reliability after troubleshooting.
- Supervise installation and calibration of all kinds of meters (Direct & Indirect) Meters.
- Periodically review all protection setting of Micro Logic in C.B and Sepam parameters.
- Periodically maintain Distributers, Transformers, Ring Main Units & Distribution Boards (ABB - Siemens - Schneider).

- Determine the requirements for Oriana Villas to install our Meters.
- Make the joints and endings of cables with ELASTIMOLD & RACYCHEM materials.
- Supervise Receiving Electrical Rooms M.V and L.V.
- Make Maneuvers to maintain the electricity in maintenance and interruptions.
- Follow the interruptions of cables and equipment and Fix them in less time.
- Make Energy reports at every first day at month.
- "The Practical Principles in Medium Voltage Switchgears Protection & Testing" is a book written by me, that connects the practical works (site) with theoretical that we learnt at college by explaining how the equipment works as theoretical methods and what are equipment components and contents are by details with inserting an explanation drawings with Academic basics that everyone should know and my purpose from this book is just want to lead the workers to professional.

**Dates** : From Jan. 2014 till Oct. 2014

**Employer** : Lighting Fixtures Co.  
Contracting company working in fixtures and installations of the Electrical Equipment, Luminaires and Design Electrical Power Distribution using CAD & Dialux.

**Job title** : Electrical Engineer Design and Site Supervisor

**Job Description** :

- Participating in Electrical Works + Landscape lighting Design & installation at Mirage City.
- Working on BOQ projects.
- Indoor Designing by using CAD and Distributing luminaires using Dialux (Indoor & Outdoor).
- Using Revit to make a presentation for the customer to preview the Works in 3D.