

Holds a B. Sc. in Electrical Engineering and has about 11 years hands-on experience working in construction, maintenance, QC and commissioning.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 29/10/1984  
Gender : Male  
Marital Status : Married  
Residence : Gharbia

## **EDUCATION**

: B. Sc. in Electrical Engineering, Al Azhar University, 2008

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD 2D  
: Dialux, Calculux  
: Classic Control

## **TRAINING COURSES AND CERTIFICATIONS**

: Power system distribution course from Engineers Syndicate.  
: Programming Languages controls: Certification in Programming by PLC 4 languages from Mansoura University.  
: Training on Networking at Telecom Egypt Company.  
: Electrical Design and Installation of networks and electrical equipment's.  
: Plc (STEP 7200) in Mansoura University (HTC).  
: AutoCAD 2D (2011).  
: ICDL

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2017 till 2018  
**Employer** : Orascom Construction  
**Project** : West Damietta Combined Cycle Add-On Power Plant  
**Job title** : Lead Construction Engineer

**Dates** : 2017  
**Employer** : LEEDS (IREM & ROSA) Subcontractor  
**Project** : El-Burullus Combined Cycle Power Plant 4800MW  
**Job title** : Senior QC Engineer

**Dates** : From 2014 till 2016  
**Employer** : El Nour & El Baraka Factory, Tanta  
**Job title** : Maintenance Engineer  
**Job Description** :

- Worked as Electrical Control Engineer at El Nour & El Baraka Factory in Tanta (produces 21000 tons per month).
- Design and implement a 2 production lines and responsible for all electrical works in new production lines.
- Installing all lighting system.
- Making all motors and power connection.
- Inspection & Terminations of cables and Torqueing (transformers, cables).
- Design and implementation electrical panels such as: Power Factor Correction, ATS, Star & Delta, Classic & Automatic Control, Power Source Panel).
- Supervision of Mechanical Works.
- Worked commissioning with the team of Italians engineers coming from the manufacturer of machine, at the beginning of production line operation.
- General supervision of the electrical maintenance.

**Dates** : From 2012 till 2014  
**Employer** : Nada Misr for Electrical Construction  
**Projects** : Administration building Mazloun ceramics in Tanta and Ahly Bank in Tanta and Kafr El-Sheikh  
**Job title** : Construction Engineer  
**Job Description** :

- Worked as Electrical (construction & control) Design, test, erection and maintenance all kinds of panels such as: Power Factor Correction, ATS, Star & Delta, Classic Control, Power Source Panels, Automatic Control, UPS, etc.
- Implementation of electricity construction in the exhibition Mazloun ceramics in Tanta and Ahly Bank in Tanta and Kafr El-Sheikh.

**Dates** : From 2008 till 2011  
**Employer** : AL-KHALEEJ Company, KSA  
**Job title** : Construction Engineer

- Field of experience :**
- Construction field Responsibility:
    - Responsible for electrical Installing GIS (Gas Insulated Switchgear) and Supervision of all tests, all instrumentation working. Installation and termination tubes using P&ID and hook up, Cathodic Protection inspection for underground piping, tank external and concrete.
    - Installing of DCS Mark 6 systems, MV Switchgears, Protections Systems and aircraft system.
    - Determine man power - tools - equipment's and material requirement for electrical.
    - Monitor actual work performance compared to the project budget and schedule.
    - Coordinate activities with other clients.
    - Review overall project drawings.
    - Ensure that all materials used in the project conform to the standard specifications.
    - Inspection of all works in the project and make sure to complete them according to the technical and standard specifications.
    - Ensure that all equipment on site conforms to specifications and safety.
    - Making request for the consultant to receive the completed work.
    - Installing of all electrical systems (cable trays, cables, panels JB .....).
    - Installing all lighting system.
    - Installing cable tray, cable duct and cable Ladder.
    - Installing all electrical panels (local control panels (LCP) – junction boxes (JB) - switches).
    - Installing all control panels (programmable logic control (PLC) - distributed control system (DCS)).
    - Supervising the installation of all instrumentation and tubing work according to P&ID diagram.
    - Supervising the installation of all INSTRUMENTATION and tubing work according to P&ID diagram.
    - Installing all earthing works and underground cables.
    - Installing any type of transformers also all fire alarm, telephone and paging system.
    - Over all cable termination working (I&C, low or medium voltage).
    - Cables Hi-pot & Megger test.
  - QA/QC field Responsibility:
    - Material receiving inspection storage and Preservation.
    - Cathodic Protection inspection for underground piping, tank external and concrete.
    - Installation of transformer rectifier unit and installation of cable laying & termination. Function test with vendor, final visual inspection.
    - Witness all electrical testing & Installation.
    - Issue NCR for any installation against the specification.
    - Cables routing and testing (Megger and Continuity) for all cable.
    - Connection and termination cables according to the wiring sheets.
    - Inspection for installation Lighting System.

- Installation of grounding, lightning system & testing.
- Commissioning field Responsibility:
  - Testing and Commissioning for transformer.
  - IPB testing: insulation test and Hi pot test and pressure test.
  - Test for Circuit breaker: Timing test, Contact resistance, Megger test & High pot test.
  - High voltage cable test: Continuity, Megger for cable & High pot test.
  - Loop check on MCC.