

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 12 years hands-on experience working mainly in construction, design and QC.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 17/12/1984
Gender : Male
Marital Status : Single
Residence : New Maadi, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2007

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D
: Visual Basic
: Calculux 5.0b
: Dialux
: ETAP

TRAINING COURSES AND CERTIFICATIONS

: Principles of leds & fundamentals of lighting, Philips Egypt (Jun. 2012).
: Electrical system distribution, Jelecom Training Center (Dec. 2012).
: Plc, s7 (Siemens), hardware and ladder diagram, Jelecom Training Center (Oct. 2010).
: Automatic control course, Don Bosco Institute (May 2008).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2017 till Apr. 2019
Employer : Subcontractor United Engineer 2000 Company (UEC 2000)

- Project** : New Gas Treat Onshore Plant in El Gamil, Port Said (Zohr Project)
- Job titles** : QC Inspection Engineer / Electrical Construction Engineer
- Job Description** :
- Responsible for inspection all electrical works according to project specifications:
 - Performed QC Inspections for electrical and instruments installation.
 - To review documentation with respect to transformers, cables, motors, instruments and various electrical equipment.
 - Verify the grounding system and make sure the ground loop has point to point continuity.
 - Reviewed and added comments to Quality Documentation deliverables.
 - Witnessed the Installation of lighting panels, UPS, Grounding system installation, LV/ MV Cable pulling & termination.
 - Witnessed continuity, insulation resistance for power and control cables.
 - Monitored and inspected the installations of conduits, cable Trays, local control stations, lighting JB's, fixtures, Distribution & Control Panels.
 - Maintained the list of calibration certificates for all testing equipment.
 - Ensured the proper installations of electrical (Ladder) and instrument (Perforated), Field instruments Level, Flow, Pressure, Temperature control valves, Installation of Enclosures.
 - Participated in daily/weekly meeting, co-ordinated and performed the field final inspection.
 - Electrical Construction Engineer :
Responsible for all Electrical power construction systems:
 - Earthing activity: Main earthing cable pulling, rods installations, all earthing branches pulling.
 - Cable tray activity: Installation for cable trays horizontal and vertical, elbows, etc.
 - Power cables pulling: Pulling cables from substation to the end user with several sizes.
 - Lighting activity: Installation for lighting conduits, poles, lighting cables, lighting fixtures.
- Dates** : From Aug. 2016 till May 2017
- Employer** : ERC Egyptian Refinery Company Takrir (Mostorod Project)
- Job titles** :
- Electrical Site Engineer (from Mar. till May 2017) (GS Main Contractor)
 - Electrical Site Engineer (from Aug. 2016 till Feb. 2017) (Enppi subcontractor)
- Job Description** :
- Cable pulling activity:
- According to Cables Specifications & Method of Statement for the project, preparing Cable schedule, Cable laying schedule and power lay out.
 - Preparing Cables reels, acting initial meggering test for cable drums.
 - Implement all electrical works according to drawings and specifications.
 - Leading Supervisors and Subcontractors.
 - Oversee cable systems installations of junior technicians.

- Insure cables addressing from the substation to end users.
- Handing Over cables Route via duct banks, cable trenches and cable trays.
- Achieving all checklist requires and solving the site problems.
- Checking for cable terminations from both sides.

Dates : From Feb. 2012 till Mar. 2016
Employer : Elsewedy for Engineering Industries (Lighting department)
Job Description :

- Lighting Designer Engineer.
- R&D Lighting.
- Indoor and outdoor luminaires electrical design.
- Outdoor and indoor lighting designs.
- Lighting control system installation.

Dates : From Aug. 2009 till May 2010
Employer : ICAT for mega projects contracting
Projects :

- DFGH Electrical Substation Generation Plant
- Waste Water Treatment Plant at Gabal Al Asfar Station

Job title : Operation & Maintenance Field Engineer
Job Description :

- Working as Operation Engineer.
- 10 synchronous generators 23MW (total power) feeding the plant.
- Monitor operating parameters of generators including but limited to temperature of generator, frequency, load sharing and protective devices.
- Repair or replace defective components as necessary.
- Troubleshoot and repair or replace contactors, breakers, control logic.
- Operate switchboard controls. Close and open distribution feeder circuit breakers and isolate circuits.
- Ensure that power is available and execute shut down in a kick/blowout.
- Secure ventilation system and/or power to affected area in a fire.
- Maintain and repair A.C motors.

Dates : From 2008 till 2009
Employer : High Tech Company for Solar Energy
Job Description :

- Working as Electrical Engineer in the field of solar energy.
- Working includes: design, installation and maintenance.
- Design several led lighting units.
- Design outdoor lighting units with solar modules.