

Holds a B. Sc. in Electrical Power Engineering and has about 7 years hands-on experience working in construction, design and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/09/1988
Gender : Male
Marital Status : Married
Residence : Helwan, Cairo

EDUCATION

: B. Sc. in Electrical Power Engineering, Helwan University, 2010

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: C Programming (GCC, AVR Studio)
: RTOS
: Assembly
: Familiar with Simulators (ISIS Proteus, MATLAB)
: Adobe Photoshop
: PLC Programming

TRAINING COURSES AND CERTIFICATIONS

- : Electrical Design Diploma in PCE for consulting (one month in 2016):
 - During this Diploma I have updated the sides of the distribution systems including Transformers and RMU & generators and distributors including in the infrastructure designing and the low voltage design section including lighting with Dialux program.
 - Also sockets & panel boards and panel schedule & load estimation and short circuit and VD calculations & street lighting and cable selections and tray with bus way and Low current overview.

- : Revit MEP self-learning with basic course about how to read and use the program in 4ACT Center (2 weeks in 2014).
- : English course in BERLITZ Center (1 month in 2014).
- : Embedded System Engineer Diploma in SGEC (1 month in 2013), where I could use the language of C-programming and know about the RTOS system with the assembly language and compilers for programming a machine.
- : AutoCAD program course in Cairo University (1 month in 2010).
- : Microcontroller course in Cairo University (1 month in 2009): Learning about the machine language and the assembly programming methods to control the motions of machines.
- : PLC course in Jelecom Center (1 month in 2009): Programming LG-miniature control units for specific tasks with simulation pro like rolling machines.
- : Summer trainings at:
 - Petro Gulf Egypt Company (Aug. 2009): Onshore site in Hurghada training contains the production of electrical systems using generators and the control systems used in the purification of petrol.
 - EEC for Production (1 month in 2009): Training contains each step of the production system of electric and the bulk equipment from generator and turbine & Fuel system till the step up transformers and the electric towers and high voltage cables.
 - Arab Company for Projects and Urban Development (Aug. 2009): Distribution system in El-Rehab City (Distribution Station, Transformers, Transmission Line, Int box, Cover, etc.).
 - Iron & Steel Company (Aug. 2009):
 - Control room.
 - Roll workshop.
 - Egyptian Electricity Production Company (Jul./Aug. 2008):
 - Operation & maintenance of Steam Power, Gas Power Plant, Combined Power Plant.
 - Acquaintance with boilers – turbines – generators – circuit breakers – transformers.
 - Acquaintance with administration system of the station.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2013 till now
- Employer** : Abraj Misr Co.
- Projects** :
- Lavanda Compound in Cairo (5 buildings with a small landscape in El-Mokatam): worked in the electrical works embedded from the first slab of concrete till the main panels and pillars for every building which will feed from a transformer room with 1MVA rating including the interior electric works in each apartment & electrical risers & cable trays and panel boards.
 - Moque Islamic building (consists of 3 floors and the main transformer room which feed it with Lavanda Compound): worked in the electrical works embedded from the first slab of concrete till the main panel and pillar for the building which will feed from a transformer room with 1MVA rating including the interior electric works in each floor including the sound system and air conditioning.

- Lavanda Mall (building consists of 4 floors and basement using as Hyper market and some shops): It is still under execution as I am responsible for the supervision on the electrical works which will be all exposed using cable trays and EMTL tubes.
- Florenta Compound in Cairo (25 buildings with landscape and swimming pools): It is still under execution and I am responsible for the supervision on the electrical works embedded from the first slab of concrete till the transformer rooms with 6 rooms and the main distributor which will feed the transformers and supervision on the interior electric works in each apartment and risers & cable trays and panel boards. In this project we already finished about 70% from the electrical works and we are now executing the electrical network for the compound.
- The Shore Village – North Coast (186 km land contains of villas and landscape): Now a day it's under construction stage of number of villas and I am responsible for the supervision on the electrical works.

Job Description : Senior Electrical Site Engineer (my field is working as Interior Electrical Designer & reviewing shop drawings that received from the contractor & reviewing the monthly clearance for the monthly achievements of the project & supervision on every step in the site from infrastructure into interior executions and sometimes doing self-executing).

Dates : For 1 year in 2012

Employer : El Mokhtar Company

Job Description : Worked as Maintenance and Installation Engineer in the road cables and the street lighting and I was responsible for the street lighting maintenance of the second stage of 15th May City and the front entrance road of the new 15th of May City.

Dates : For 1 month

Employer : Iron and Steel Company

Job Description : Worked as Control and Maintenance Engineer on the Russian classic control systems in the stoves that produce iron with classic control system.

Hardware Skills:

- Power Distribution Techniques.
- Solar Panels Systems.
- Power Electronics control (DC/AC Motors, Generators).
- Familiar with Transformers.
- Micro Controllers & Interfacing.
- Familiar with Electronic Measurements Devices.
- Software Engineering.