

Holds a B. Sc. in Electrical Power Engineering and has over 10 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 : Fluent

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD  
: Revit MEP  
: Adobe Photoshop  
: PLC Programming

## **TRAINING COURSES AND CERTIFICATIONS**

: IPMA - Level D - 2020 certified.  
: ISO 9001-2015 Lead Auditor.  
: 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 SGEN (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, Covery, 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

<b>Dates</b>	:	From 2019 till now
<b>Employer</b>	:	Makour EPC Co.
<b>Job title</b>	:	Power Projects Team Leader
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Started the job as a Senior Technical Office Engineer.</li> <li>• Electrical Project Team Leader for infrastructure projects at the New Capital - Projects New Capital R2 – R6 – R1.</li> <li>• Bracket Factory construction in Suez: Check drawing coordination, making shop drawing, making RFQ and Purchasing Request, prepare material submittal for review Purchasing orders, making MTS and check MDL updated, site visit every week to update work progress.</li> <li>• Paper Factory in (Beni Suef): Check drawing coordination, making shop drawing, making RFQ and Purchasing Request, prepare material submittal for review, purchasing orders, making MTS and check MDL updated (feeding of paper factory from OHTL 22KV – with underground medium voltage cables).</li> <li>• Electrical substation 500/220/66KV SS in October City: Check drawing</li> </ul>

coordination & Material tracking and MIRs and SCMIRs and as built, progress of work, technical issues.

- Medium voltage distribution project – R6 (New Cairo Capital): Check drawing coordination, making shop drawing, making RFQ and Purchasing Request, prepare material submittal for, review Purchasing orders, making MTS and check MDL updated (121 Transformer (1600, 1000KVA) – 5 Distributers (16 cells).

- Dates** : From 2013 till 2019
- 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 was 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 was 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 was 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** : From Dec. 2012 till 2013
- Employer** : Iron & Steel Co.
- Job title** : Electrical Maintenance Engineer
- Job Description** : Control and Maintenance Engineer on the Russian classic control systems in the stoves that produce iron with classic control system.

- Dates** : From Jan. 2012 till Dec. 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 city.

Technical Skills:

- Power Distribution Techniques.
- Solar Panels Systems.
- Generators Familiarity with transformers STEPs.