

Holds a B. Sc. in Electrical Power Engineering and has over 6 years hands-on experience working in maintenance, installation, technical office and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/10/1991
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Power Engineering, Alexandria University, 2015

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Programming micro controller: PIC, Arduino
: Programming language: C
: Design electrical circuits: Eagle and Proteus
: Distribution design: AutoCAD, Ecodial and Dialux

TRAINING COURSES AND CERTIFICATIONS

: Controlling system using PIC and Arduino microcontrollers (Jul. 2013).
: PLC + basic DCS Courses for SIEMENS (Feb. 2015).
: Earth Protection courses (Sep. 2013).
: Design PCB circuit (Aug. 2014).
: MATLAB Language of Technical Computing (Jul. 2013).
: Communication skills course Online (May 2020).
: 30 days training in 2013, at Alexandria Petroleum Company.
: 18 days training in 2013, at Alexandria -Muharram Beck- Electric Distribution Company.
: 21 days training in 2014, at Alexandria Fertilizers.

: 30 days training in 2014, at Holding Company for Maritime and Inland Transport.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2017 till now
- Employer** : Professional Engineering Services – "ProServe"
- Job title** : Maintenance Engineer (Site Engineer)
- Job Description** :
- Provide technical support for gas power engine, such as:
 - Pre-Commissioning for engine.
 - Troubleshooting.
 - Mechanical Test.
 - Electrical Test.
 - Installation.
 - Overhaul and Top Overhaul of GAS power Engine.
 - Projects:
 - IDM Manufacture in Ain Sokhna (4 Engine 1.25MW) (Operation, Troubleshooting and maintenance).
 - Amapetco Petroleum Company (2 Engine 780 KW) (Troubleshooting, Overhaul and maintenance).
 - AGIBA Petroleum Company (3 Engine 780 KW) (Pre-Commissioning, Troubleshooting, Overhaul and maintenance).
 - Petro Sana Petroleum Company (1*275 KW, 1*180 KW) (Pre-Commissioning, Troubleshooting, Overhaul and maintenance).
 - Maintenance contract with Tanmia Service Petroleum Co. (50 kw to 275 kw) (Pre-Commissioning, Troubleshooting, Overhaul and maintenance for CAT engines, Perkins engines and Cummins engines).
 - Maintenance Contact with AMAZON Co. (65KVA to 275 KVA) (Pre-Commissioning, Troubleshooting, Overhaul and maintenance for Perkins engines and Cummins engines).
 - Another Projects:
 - Convert Cummins engine from electrical control to mechanical control and modify the control circuit to operate all protection and start/stop.
 - Electrical and mechanical inspection for CAT engine.
 - Electrical and mechanical inspection for Cummins engine.
 - Design of Water desalination station (RO & UF):
 - Projection for water station.
 - Calculation pumps for station (High pressure pump, feed pump ...).
 - Select instrumentation.
 - Design control panel.
 - Electrical Installation & Commissioning and start up.
 - Electrical Site Engineer (2018): Electrical Installation and commissioning of Ultra Filtration Unit 720 m3/d (IPI Manufacturing).
 - Electrical Site Engineer (2018): Maintenance and Pre-commissioning RO unit 1000m3/d (Royal Rojana Hotel).
 - Electrical Site Engineer (2019): Renovation and replacement of RO water station (Marasi Village North Coast).
 - Electrical Site Engineer (2019): Installation and commissioning of RO water desalination Station 1000m3/d (Red Sea "Safaga").
 - Project Manager (2021): RO water desalination station 1200 m3/d (Sidi

Barany Project).

- Dates** : From Dec. 2015 till May 2017
- Employer** : Egyptian Company for Engineering & Commerce (EGEC) Panel Builder Company
- Job titles** :
 - Production & Quality Director (Jul. 2016 - May 2017)
 - Technical Support & Sales Engineer (Dec. 2015 - Jun. 2016)
- Job Description** :
 - Learned all the company products and made the technical support for these products especially the Sensor (Balluff and Optex), Instrumentation.
 - Executed many sales processes from discovery, solution, pricing, negotiation, and closing.
 - Visited customer sites and collected information to evaluate and prepare detailed analysis and make appropriate recommendations of equipment and systems.
 - And marketing for another product such as (ABB Drive, ABB Motor, LV Electrical panels, UPS and Solar Energy).
 - Design Low Voltage Panel.
 - Review the customer specification, Single line diagram and panel Schedules, Perform electrical design of low voltage panels:
 - Main distribution Panel Boards (MDPB).
 - Automatic Transfer Switch Panels (ATS).
 - Manual Transfer Switch Panels (MTS).
 - Motor Control Center Panels (DOL, Star/Delta, Soft Starter, Drives).
 - Phase Sequence Correction Panels.
 - Power Factor Correction Panels (PFC) with Regulators.
 - Selection of components according to project requirements, such as ACB, MCCB, VFD, protection relays, Soft Starter and Control Products.
 - Review the shop drawing and ensure of its compliance with customer request and the control system function as required.
 - Participate in the technical meetings with customer when necessary.
 - Follow-up with the manufacturing operations, as well as participation in special inspection.
 - Quality inspection:
 - Visual Inspection for Specifications of Panels, Electrical Components, Sizing of Copper Bars & Cables.
 - Operating mechanism to ensure that the panel function as per customer request and control system as required.
 - Dielectric Test between Phases and between each phase, neutral and earth to determine the effectiveness of its insulation.
 - Review As-built Drawing for any modification in Panel layout or any control system change.
 - Electrical Commissioning of PFC panel at site if required.

- Dates** : For 1 month
- Employer** : Sabawy Company for engineering and contracting
- Project** : AL EZZ DEKHEILA STEEL COMPANY

- Dates** : From 2010 till 2013 (during education)
- Job title** : Freelance

Job Description : Worked at "Electrical fields" for Apartments and Buildings (Distribution) during my studying at the college.