

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 1 year hands-on experience working as Project Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/08/1992
Gender : Male
Marital Status : Single
Residence : Maadi, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, El-Shorouk Academy, 2014

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: Dialux
: ETAP

TRAINING COURSES AND CERTIFICATIONS

- : Power System Distribution (2016):
 - Lighting system design:
 - Interior and exterior lighting (street, sport, fence, open area).
 - Manual calculation and Programmable calculation (DIALux Program).
 - Design and shop drawing for lighting system.
 - Socket system.
 - HVAC (heat ventilation air condition).
 - Circuit breakers selection.
 - Voltage drop and short circuit calculation:
 - Manual calculation and Programmable calculation (ETAP program - Docwin program).
 - Cables selection.

- Panel board (load schedule):
 - Diesel generator.
 - UPS.
 - Load (normal - emergency - essential).
 - Unbalanced calculation.
- Earthing system:
 - Manual calculation and Programmable calculation (ETAP program).
- Power factor correction.
- Cable tray.
- Load estimation:
 - Design of low voltage feeding box to building.
 - Design of distribution box (biller).
 - Design of low voltage cable.
- Medium voltage network:
 - Design of distributor.
 - Design of ring main unit.
 - Design of distribution transformer.
 - Design of medium voltage cable.
- : Electrical Site Engineer (2016):
 - Installing Project Items:
 - Heavy current: RMU - Transformer - Generator - Ups - Distribution Boards - Power Factor Correction - Cables & Wires - Raceways & Cable Routing - Conduits & Pipes - Cable Trays - Cable ladders - Tranches - Manholes - Trunk - Lighting - Wiring Devices (Sockets - Switches - Push Button) - Protection Devices (CBs - Contactors - Relays) - Cathodic Protection - Elevators - Earthing - lightning.
 - Light current: Telephone and Data - Private Automatic Branch Exchange (PABX) - Local Area Network (LAN) - CCTV - Master Antenna Television System (MATV) - Intercom - Public Address (Audio) - Fire Alarm.
 - Project Phases: Design - Tender - Engineering - Approval - Installing - Testing & Commissioning - Start-up.
 - Project Documents: Drawings (Design - Shop Drawing) - Specifications - Bill of Quantity - Vendor List (Manufactures/Suppliers) - Contract - Invoices - As-Built Drawing.
- : Classic Control by Contactors (2013):
 - Studying components of control circuits (Contactors - Switches - Relays - Sensors - Limit switches - Timers - Over loads).
 - Design and wire Power and Control circuit.
- : Programmable Logic Control (P.L.C) Siemens S7-200 (2013):
 - Studying deferent types of (Memories - timers - counters).
 - Design systems using Ladder logic.
- : Trainings at:
 - Helwan Cement (Aug. 2011).
 - Belayim Petroleum Company (PETROBEL) (Aug. 2012).
 - Cairo North Power Station (Aug. 2013).
 - Khalda Petroleum Company (Sep. 2013).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2016 till now
Employer : Egyptian Engineering Projects Co. (Quality)
Job title : Electrical Project Engineer