

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 4 years hands-on experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/08/1992
Gender : Male
Marital Status : Married
Residence : Menoufia

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Menoufia University, 2014

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Microstation
: CYM GRD
: Dialux
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : AutoCAD & Application of Designed Electrical Installation, QEC Center (Apr. 2015 - Jun. 2015):
 - Electric power systems distribution level one.
 - Electric power systems distribution level two.
 - Low current systems.
 - Shop drawing for all systems.
 - AutoCAD 2D.
 - Dialux and Etap Program.
- : Electricity of Construction and building and Industrial Use, National Academy for Science & Skills (NASS) (Feb. 2015):
 - Design and implementation of classic control circuits practically.

- Successfully fulfilled the requirements for Electrical Systems Certificate - Domestic.
 - Secrets to communicate with others.
- : Power System Protection, ETA Academy (Dec. 2019 - Feb. 2020):
- The principle of CT & VT.
 - The concept and operation method of:
 - Over current relay.
 - Directional relay.
 - Differential relay.
 - Distance relay.
 - Schematic drawing.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2018 till now
Employer : Bahrawy Consultancy Group (BCG)
Job title : Team Leader Electrical Design Engineer

Dates : From Feb. 2018 till May 2018
Employer : XD EGEMAC
Job title : Electrical Coordinator Engineer
Job Description :

- Review the electrical & mechanical design drawing.
- Contact directly with manufacture.

Dates : From Aug. 2015 till Jan. 2018
Employer : Bahrawy Consultancy Group (BCG)
Projects :

- Extension of Arafat -1 110/13.8KV
- East Assiut 66-22-11KV SS
- Marasy 220-22KV SS
- North Hurgada 220-66-22KV S/S
- El-Eqtsadiya 500-220-66-22KV
- Al-Madinah Housing 110/13.8KV SS
- Al-Oynah Housing 132/13.8KV SS
- Al-Dawadmi Housing 132/13.8KV SS
- Al-Bayah 110/13.8KV SS
- Tabuk 110/13.8KV SS

Job title : Electrical Design Engineer for HV S/S
Job Description :

- Studying Project Technical Specifications & Tender Documents.
- Prepare Substation Single Line Diagram.
- Prepare Substation General Equipment layout.
- Prepare Substation Cables Raceway (HV, MV, LV and Control Cable Raceway).
- Prepare Substation Cable Sleeves, Openings & Duct Banks Layout.
- Prepare Substation AC system (auxiliary transformer sizing, AC Circuit Breaker Sizing, AC Cable Sizing, AC Cable schedule & AC Single Line Diagram).
- Prepare Substation DC system (Battery banks / battery charger sizing, DC Circuit Breaker Sizing, DC Cable Sizing, DC Cable schedule & DC

Single Line Diagram).

- Prepare Shielding System Design calculation & Layout.
- Prepare Indoor Lighting System (Calculation, Layout, branch cable sizing, SLD, panel board schedule, overhead cable tray & indoor auxiliary power).
- Prepare Outdoor Lighting System (Calculation, Layout, branch cable sizing, SLD, panel board schedule & outdoor auxiliary power).
- Prepare Grounding System Design Calculation & earth grid layout.
- Prepare equipment earthing layout & reinforcement earthing layout.
- Prepare Bill of Quantities (BOQ) (cables, raceway, shielding, earthing...etc.).
- Review Manufacturer Base Design.
- Prepare Heat dissipation calculation.

Employer : Engineering Contracting Company (ECC)
Job title : Site Engineer at BUC
Job Description :

- Follow up and check the electrical works as per shop drawing.
- Follow up the lighting, socket & light current systems.
- Design the As built drawing.