

Holds a B. Sc. in Electrical Power Engineering and has over 1 year hands-on experience working in the field of HV substation design.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/02/1997
Gender : Female
Residence : Shoubra, Cairo

EDUCATION

: B. Sc. in Electrical Power Engineering, Cairo University, 2019

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Dialux
: ETAP
: Matlab
: Dialux Evo
: Microstation

TRAINING COURSES AND CERTIFICATIONS

- : EL SEWEDY power system projects (PSP) (from Feb. till Sep. 2019):
- Substation Layout Design.
 - Gas Insulated Switchgears & LCC control schematics.
 - Main Grounding System - ETAP Program.
 - Protection Systems Theory & Relay Coordination.
 - ETAP Program.
 - Outdoor Equipment & Raceway system.
 - Auxiliary Transformer Sizing.
 - Lightning Protection System.
 - Schematics.

- : Bahrawy Consultancy Group (BCG) (from Nov. 2018 till Mar. 2019):
 - Introduction to Substation Design.
 - Line protection.
 - CT & VT sizing.
 - Transformer protection.
 - Bus bar protection.
 - SLD.
- : EZZ Steel (Jul./Aug. 2018): Experiencing an overview about the industrial process for the steel and concentrating on control and instrumentation.
- : 3brothers (Jul./Aug. 2018):
 - Introduction to lighting physics, human centric lighting, led history and modern industry.
 - Designing interior and exterior lighting systems using RELUX program.
- : EGEMAC (Jul./Aug. 2017): Transformers & MV distribution components.
- : SCADA Innovations (Jul./Aug. 2017): Introduction to control and SCADA system.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2019 till now
- Employer** : Jawda Engineering Consultants
- Projects** :
- AL FARA Substation 380/132/13.8KV:
 - Prepare cable termination schedule.
 - Review the schematics diagrams and make markup drawings.
 - Prepare SAS point list.
 - Prepare BOQ for Control Cables.
 - Abu Arish-2 Substation 132/13.8KV:
 - Auxiliary transformer sizing calculation.
 - Design AC SLD.
 - Make LV C.B and cables sizing calculation.
 - Prepare SAS point list.
 - Review the schematics diagrams and make markup drawings.
 - Muhyail North Substation (EXT.) 132/33KV:
 - Prepare modified operational SLD.
 - Make interlocking logic table.
 - Prepare AC SLD.
 - Make LV C.B and cables sizing calculation.
 - Make CT sizing calculations.
 - Oukdud Substation (EXT.) 132/13.8KV:
 - Prepare modified operational SLD.
 - Make interlocking logic table.
 - Prepare AC SLD.
 - Make LV C.B and cables sizing calculation.
 - ABHA Housing Substation 132/13.8KV:
 - Prepare SLD with CT/VT.
 - Auxiliary transformer sizing calculation.
- Job title** : Jr. Secondary Design Engineer
- Job Description** :
- Prepare HV Substations Main SLD.
 - Single line diagram with CT / VT Sizing calculations.

- Protection requirements of feeders, power transformer, Busbars and MV switchgear.
- Schematic Review and interfacing of relay panels.
- Design of LV AC/DC systems for substations (AC/DC SLD, LV C.B and cables sizing).
- Making As-Built drawings.