

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 3 years hands-on experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : 5th Settlement, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2012

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: Dialux
: Etap program for power application
: Revit

TRAINING COURSES AND CERTIFICATIONS

: Training in Elkhaldia for construction (2010).
: Training in Japco Petroleum Company (maintenance and operation work for electric equipment and utility) (2009).
: Training in Qaroon Petroleum Company (2008).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2016 till now
Employer : SABBOUR Consulting Company
Job Description :

- El Safwa Compound (REVIT PROJECT):
 - Working on in the design of the Infra-Structure of the Project including the Load Estimation, transformer sizing, transformer locations with R.M.U & Main Distribution Board, exterior lighting & the concept Single line Diagram.

- Making the whole design of the project including lighting, power, grounding, fire alarm, low current layout using REVIT software.
- Making the design of security system including CCTV & antiburglaing.
- Al-Kayan in the new Administrative Capital, New Cairo, Egypt:
 - Participating in the special interior & exterior lighting design of the building using DIALUX & delivering the lighting plan layouts using AUTOCAD.
 - Working on the power layout of the previous building including the sockets distribution, sockets wiring, cable routing with sizing of cable trays.
 - Designing the panel boards which serve the whole project with sizing of cables & breakers.
 - Making Reports of voltage drop & short circuits for the branch circuits till reach the MDB.
 - Delivering the B.O.Q & specs for the concerned work in project.
- Mall 3000: Same work as previous.

Dates : From Dec. 2015 till Jun. 2016

Employer : Medhat Abu Zeid Egyptian Consulting House

Job Description :

- EJUST (Egyptian-Japanese University) at Burj El Arab, Alex, Egypt:
 - Design all Electrical System starting from Load Estimation and No of Transformers which feed the Project. Including Transformer sizing, voltage drop, short circuit calculation, Earthing, Lighting & Small Power.
- Elite Revirre (Residential City in Islamabad, Pakistan):
 - Design electrical infra-structure System inside Pakistan country: Beginning with load estimation for all area which includes all type of buildings hospitals, such as apartment, villa, schools, malls).
 - Working on the Transformer sizing, Ring Main Unit & MDB design.
 - Designing the panel boards which serve the whole project with sizing of cables & breakers.
 - Street Lighting Calculation with Pillar Sizing.
 - Delivering the B.O.Q & specs for the concerned work in project.
- Elite Revirre (Residential City in Islamabad, Pakistan):
 - Making the concept design of the project starting from Load Estimation using VA/m² method based on the Pakistan code & IEC code.
 - Delivering suggestions for the Switch Gear locations, Transformer Sizing & M.V cable routing in the whole city.
 - Designing the street lighting beside the landscape lighting for the whole project.
- Porto Galleria, Cairo, Egypt:
 - Participating in the concept design report of the project staring from load Estimation using VA/m² Based on the Egyptian Code.
 - Delivering suggestions for the switch Gear location & transformer sizing & Architectural design for the Electrical rooms in the project.
 - Participating in making the Specs of the project.

Dates : From May 2014 till Nov. 2015

Employer : MEGA for construction and industries

- Project** : KING ABDUL-AZIZ INTERNATIONAL AIRPORT
- Job Description** :
- Shop drawing in King Abdel-Aziz Airport in KSA (Jeddah) using AutoCAD and ETAP.
 - Preparing load schedule of all loads.
 - Using ETAP to make sure the voltage drop and short circuit calculation comply with the design and specification of project.
 - Calculating BOQ of cable and LV disconnecting switch and similar stuff.
 - Small power and lighting (shop drawing).
 - Power factor calculations Report.
 - Cable sizing and circuit breaker sizing.
 - Preparing panel schedules.
 - Z-loop calculation.