

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

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/04/1990
Gender : Male
Marital Status : Single
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2013

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: PLC SIMATIC (s7-300)
: SIMATIC Win CC Flexible
: AutoCAD 2D
: Matlab
: ControCAD (ALSTOM DCS Engineering tool)

TRAINING COURSES AND CERTIFICATIONS

: Distributed Control System (DCS) (2012).
: Electrical Distribution Course (2012).
: SCADA systems (Simatic WinCC), Helwan University (2012).
: Programmable Logic Controller S7-300, Helwan University (2011).
: Classical Control Systems, Industrial Training Council (2010).
: Summer internships:

- EGEMAC Company (4 weeks) (2012).
- North Cairo Electricity Distribution (4 weeks) (2011).
- cEol-mNpasarny Transformers (4 weeks) (2010).
- Electrical Workshops at Helwan University (4 weeks) (2010).

- : Field Visits:
 - El-Kureimat III, 750MW combined cycle power plant (Egypt) at 2013.
 - El-Tebbin Thermal Power Plant 2x350MW (Egypt) at 2013.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2015 till now
- Employer** : El Sewedy Electrical Solutions
- Projects** :
 - Hacienda Bay – North Coast, the owner Palm hills and Consultant crown home:
 - Project Description: This opulent resort community spread over an impressive 2 million square meters features a variety of luxury hotels. A stunning 18-hole golf course by Sanford Golf Designs, Palm Club, fine dining venues and a retail mall make this one of the trendiest spots on Egypt’s Mediterranean Sea.
 - Scope of work: The construction of MV switchgear 15 cells, 33 sub-stations each contains (R.M.U, 1 MVA Transformer and L.V switchgear) including all supporting infrastructure MV loops and LV network.
 - Hamed El-Chiaty Villa, the owner and Consultant TRAVCO Group:
 - Project Description: Luxury villa contains a private garden, two private swimming pools, GYM, Spa, Squash, Cinema, Bowling.
 - Scope of work: The construction of sub-station contains (R.M.U, 1.5 MVA Dry Transformer and MDB), install all electrical systems inside the villa like Lighting System, Power System, Fire Alarm, Low Current System, cable raceway, pull wire through conduit.....etc.
- Job title** : Electrical Site Engineer
- Job Description** :
 - Prepare shop drawings and material submittals and follow-up of the approval process.
 - Plan and analyse all possible construction methodologies and recommends the best options to the Managers for approval prior to execution at site.
 - Manage directly and provide engineering and technical supports to all the electrical work groups at site.
 - Responsible for implementations of all electrical related works at site like Transformers, Electrical panelsetc.
 - Responsible for installation of the following electrical systems (Lighting System, Power System, Fire Alarm, Access Control, CCTV, Intercom systems, Video Phone system, BMS System, Cable Tray).
 - Laying of all electrical cables both armored and unarmored for LV and MV (STA, SWA, XLPE, PVC) underground cabling, bus duct as per approved shop drawings.
 - Ensure that all the works done are in accordance with the approved construction drawings, contract documents, project specifications.
 - Coordinate with Consultant’s representatives for any site instructions and inspection of works.
 - Prepare As-built drawings.
 - Responsible for preparing, issuing and processing invoices and payments.

Dates : From Sep. 2013 till Dec. 2014
Employer : Sahmoud Sons Company for construction
Project : Residential Zone located in 10th of Ramadan – Egypt
Job title : Electrical Site Engineer
Job Description :

- Analyze Electrical drawings, specifications, calculations, maps, drawing and other data to plan and design work.
- Define Project controls, cost estimates, quantity takeoffs and manpower requirements for proposals and forecasts.
- Supervise the works of three electrical sub-contractors.
- Supervise the work on the site to ensure compliance with specifications, codes, and customer requirements.

Dates : Mar. 2013
Employer : Power System Projects (PSP), Related to ALSTOM France
Project : Matanzas, 1x300MW Power Plant on Cuba
Job title : Distributed Control Systems (DCS) Automation Engineer
Job Description :

- Study the project input documents as PFUP, P&ID and I/O list.
- Perform all necessary design modifications, variables ranges and configure monitoring functions in HMI data base.
- Create and modify control loops in logic diagrams, Process graphic displays (mimics), database generation and software download.