

101475-ELE-DEM-E-2012
Team Leader Electrical Design Engineer

Holds a B. Sc. in Electrical Engineering and has over 8 years hands-on experience working in design, technical office and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1990
Gender : Male
Marital Status : Single
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Engineering, Mansoura University, 2012

LANGUAGES

Arabic : Native Language
English : Excellent
French : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2D, Dialux and Revit
: PLC Programs (Logix pro, sematic step 7, micro win, Tia, kg1 and zelio)

TRAINING COURSES AND CERTIFICATIONS

: AutoCAD 2D, Dialux & Applications of Designed Electrical Installations (certified).
: Revit 2019 & Electrical Application, Sabbour Bureau.
: Revit MEP 2019 Essential training, LinkedIn.
: Revit 2019 Essential training for architects, LinkedIn.
: Revit work-sharing collaboration for Revit, LinkedIn.
: Power System Distribution (certified).
: Power World Simulation (used in college project).
: Electrical Installations from ITC (certified).
: PLC Advanced (Siemens S7-200, S7-300, S7-1200 & LG Devices) (certified).

- : Summer 2011 - Trained in Talkha Power Station, Mansoura, Egypt:
 - Studied steam, combine generators and step up transformers 6600 V to 220KV closely.
 - Studied the operation and the mechanism of CB specially SF6 Circuit Breaker 11KV.
- : Summer 2010 - Trained in Egypt Textile Company, Mahalla, Egypt:
 - Visited one of the two generation station (steam station) studying English 6600-volt oil CB, Austrian 6600-volt SF6 CB and Generators.
 - Visited the linking station with the National Grid and studied step up - step down transformer.
- : Summer 2008 - El Alamia for Paper Industries, New Beni Suef, Egypt:
 - Attended the construction of the Ticho Paper Factory.
 - Joined the technical experts during the installation of the factory.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2019 till now
- Employer** : Sabbour Consulting Office, Cairo
- Projects** :
 - Housing Compounds (buildings and Infrastructure) at the New Administrative Capital, Mostaqbal City and North Coast, Egypt (OIA, ARIA, 8F, ODYSSIA, THE RIDGE, ALEX WEST and GAIA)
 - Electrical Infra-Structure at New International Shooting Club
 - Electrical and Low current design for 12 floor Hotel at New International Shooting Club located at New Administrational Capital in Egypt
 - Phase Two of TEDA industrial area at El Ain El Sokhna City
 - Mall of Arab El Salam Branch
 - Wafa Bank Head Office
 - Bay Village Resort
 - Poly Ethelyn Factory for Arab Organization for Industrialization
 - Renovation and Extension both electrical and communication networks Infrastructure of six industrial Areas in Qena and Sohag Governorates with cumulative power demand 2.5 giga volt ampere
 - Renovation and Extension both electrical and communication networks Infrastructure and indoor design for Semaf (trains & metro cars` manufacture)
 - I Business-Park (commercial, administrative, clinical, Residential hotel) high rise Building at New Administrational Capital in Egypt
- Job title** : Team Leader Electrical Design Engineer
- Job Description** :
 - Design drawings for the projects using Revit and AutoCAD.
 - Preparing and agreeing project specifications, budgets and timescales with clients.
 - Implementing designs, creating test procedures.
 - Prepare and assist with the preparation of technical reports, bills of quantities (BOQ), cost estimation for the projects.
 - Project Coordinator of the project of the renovation and extension of the six industrial areas at Qena and Sohag Governorates.
- Dates** : From May 2017 till Jan. 2019
- Employer** : Sabbour Consulting Group

- Project** : Strategic Command Center (Ministry of Defense), Military Entity, New Administrative Capital
- Job titles** :
 - Vice Technical Office Engineer Manger (from Apr. 2018 till Jan. 2019)
 - Senior Technical Office Engineer (from Oct. 2017 till Apr. 2018)
 - Technical Office Engineer (from May 2017 till Oct. 2017)
- Job Description** :
 - Attend weekly Follow-up meetings, value engineering re-design meetings.
 - Site supervision works in accordance with the time schedule program of the project.
 - Prepare and assist with the preparation of technical reports, bills of quantities, cost estimation.
 - Reviewing and approving of contractor's submittals (shop drawings, materials, catalogs, technical data sheets and RFI's issued by contractors).
- Dates** : From Jan. 2015 till May 2017
- Employer** : HIDCO for Contracting
- Projects** :
 - Site Engineer in ORACLE CAIRO PROJECT: Draw the electrical (AS built) for oracle project
 - Making shop drawing for Les Roi Resort in New Cairo, region five (lighting - power - fire alarm - data - telephone - security)
 - Design housing units, apartments, villas
- Job title** : Electrical Technical Office Engineer
- Job Description** :
 - Making shop drawings for the projects.
 - Design drawings for the projects.
 - Preparing and agreeing project specifications, budgets and timescales with clients.
 - Implementing designs, creating test procedures, writing reports and documentation.
- Dates** : From Apr. 2014 till Jan. 2015
- Employer** : Al Alamia for Paper Industries (IPM), Beni Suef
- Job title** : Head of Electrical Maintenance Department
- Job Description** :
 - Electrical Maintenance Engineer for Ticho production line's both power and control boards.
 - Made necessary control adjustments to electrically attach parts in sequence with each other.
 - Made necessary adjustments in air Circuit to perform perfectly and lead to less production line malfunction.
- Dates** : From Sep. 2012 till Apr. 2014
- Employer** : El Badawy for Plastic Industries, Abu Shahin El Mahalla El Kubra
- Job Description** :
 - Electrical maintenance for extruding blow molding machines, P.E.T machines, plastic bags filming, printing and cutting machines.
 - Supervised electrical installation of two new filming machines (cable size - C.B choice).
 - Repair drive circuits for AC motors and servo motors, control boards, main distribution boards and substation boards
 - Made the technical study for adding new extruding blow molding

machine.

Further experiences :

Freelance Projects:

- Landscape Lighting design and Shop drawing for six Malls at El-Shorouk City.
- Electrical and Low current design for Go Heliopolis (a commercial and residential five high-rise towers with shared five floors podium).
- Lead a team consist of ten engineers making Electrical and Low current shop drawing enhancement and quantity survey for one of the octagonal buildings at Ministry of Defense.
- Electrical and Low current shop drawing for a building at National Training Academy.