

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 9 years hands-on experience working in construction field at several industrial projects.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 14/08/1986
Gender : Male
Marital Status : Married
Residence : El-Sheikh Zayed City

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2008

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D

TRAINING COURSES AND CERTIFICATIONS

- : PRMG at The American University in Cairo (AUC), Management of Project Resources:
 - Critical project resources.
 - Materials management: Planning and control, procurement and acquisition, costs.
 - Human resources management: Manpower planning and organization, job description and evaluation, recruiting and training, theories of motivation, labor relations, time management.
 - Equipment management: Equipment selection, cycle time, matching plants, owning and operating costs.
- : Primavera Project Management (P6) at The American University in Cairo (AUC):
 - Project management concepts.
 - Steps for project planning.
 - Creating schedules and organizing data.
 - Reporting forms and graphics.
 - Monitoring projects.

- : Microsoft Project at RITI Regional IT Institute:
 - Planning, control & Estimating Principles and Techniques.
 - Preparation for Actions.
 - Project Monitoring and Evaluation.
 - Hands-on Applications and case studies in project management using Microsoft Project.
- : AutoCAD 2D at Cairo University.
- : Safety and Health courses:
 - Construction Safety and Health (OSHA 30 hr) at OSHAcademy.
 - Construction Safety and Health (OSHA 10 hr) in-house training at OCI.
 - OHSAS 18001 in house training program at OCI.
- : ICDL course.
- : Summer training in Cairo West Power Station (operate, control, doing maneuver and how to know the error in the system) (2006).
- : Programming and operate microcontroller.
- : Programming and operate PLC units.
- : Classic control.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2015 till now
- Employer** : Orascom Construction (OC)
- Job title** : Senior Electrical Site Engineer
- Job Description** :
- Reconditioning the runway of Hurghada International Airport. After constructing a new runway at Hurghada airport, the airport management decided to upgrade the elder runway including all networks and facilities.
 - Construction and Installation of all electrical ducts, pipes and Manholes to create power, lighting and fiber Optec networks.
 - Installation of all MEP systems inside the electrical power stations (lighting – power – fire alarm – firefighting – Gates).
 - Installation of all equipment at the electrical power stations (Transformers – Ring Main Units – MDB – UPS – CCR – Generators).
 - Supervise the installation of all Earthing works for the project.
 - Residential compound "Palm Hills Village Gardens Katameya". The project contains modern stand-alone villas, townhouses and apartments and includes lushly landscaped gardens, streets and networks. I am responsible for sector A, which is estimated with the half of the project.
 - Installation of all electrical components inside the buildings.
 - Installation of all components at the power system rooms (Transformer – Ring Main Unit – MDB).
 - Installation of Street lighting Columns and lighting panels.
 - Installation of all pillars and dwelling boxes (coffree).
 - Supervise the installation of switchgear panels and the connection the M.V terminals with it.
 - Supervise the installation of all Earthing works for the project.
- Dates** : From Feb. 2011 till Jul. 2015
- Employer** : Nile Misr for electro-mechanics
- Job titles** : Senior MEP Engineer / Electrical Site Engineer

- Job Description** : • Renovation and development of central air conditioning plant at (Hurghada Airport). The company was the main contractor and there was a subcontractor for civil works (as Senior MEP Engineer).
- Installation of all M.C.Cs to operate the machines.
 - Installation of cables that feeds all M.C.Cs.
 - Renovation and development of A.H.U's Hall (lighting and power sockets).
 - Installation of BMS to control every machine at the plant.
 - Installation of 3 chillers (550 K.W).
 - Installation of 11 A.H.U includes 3 fans (supply – return – smoke).
 - Installation of four 60HP pumps.
- Building an emergency power station for (MARSA MATROH Airport). The company was the main contractor and there was a subcontractor for civil works (as Senior MEP Engineer).
- Installation of 2 generators 60 K.V.A.
 - Installation control panels and ATS panel.
 - Installation of the fuel tanks (daily and monthly).
 - Installation of all power connections with the basic electrical station.
 - Installation of fire alarm and firefighting systems including the connections with the master system at the airport.
 - Installation of all lighting and power sockets components and the station service panel.
- Rehabilitation of the (Le Meridian DAHAB Hotel). The project was constructing a Health club, Gym and Meeting room. The Company was responsible for all electro-mechanic works (as Electrical Site Engineer).
- Installation of all electrical components inside the buildings (Lighting fixtures, panels and all accessory).
 - Installation of all light current systems and networks (T.V, Telephone, Data, Fire alarm and Public address).
 - Installation of Low voltage networks.
 - Installation of Medium voltage cables and connections.
 - Installation of all components at the power system room (Transformer – Ring Main Unit – MDB).
- Dates** : From Feb. 2010 till Feb. 2011
- Employer** : ETAC Construction Company
- Project** : Residential City "EL KHAMAIL":
The company has executed 36 residential building including all facilities, streets and networks; I was responsible for a range of buildings estimated with 20 building include its networks.
- Job title** : Electrical Site Engineer
- Job Description** : • Installation of all electrical components inside the buildings.
• Installation of all light current systems (T.V – Telephone – Intercom).
• Installation of Low voltage networks.
• Installation of Medium voltage network.
• Installation of Telephone network.
• Installation of all components at the power system room (Transformer – Ring Main Unit – MDB).
• Street and Gardens Lighting network with Installation of lighting Columns.

- Dates** : From Sep. 2008 till Feb. 2010
- Employer** : ABB Company
- Project** : The project was implementation of textile factory "ELVY" at the industrial city (BORG EL ARAB), the company was the electrical works contractor.
- Job title** : Electrical Site Engineer
- Job Description** :
- Installation of all electrical components inside the buildings (Lighting fixtures, panels and all accessory).
 - Installation of all electrical MCC panels.
 - Installation of all low current systems and networks (Telephone, Data and Fire alarm).
 - Installation of Low voltage networks.
 - Installation of all components at the power system rooms (Transformers – Switchgear – MDB).
 - Installation of Medium voltage cables and connections.
- Field of experience** :
- Mainly working as an Electrical Site Engineer at many construction companies since graduation.
 - Generally responsible for implementations and monitoring of all electrical related works at site.
 - Ensure and prepare the resources such as materials, consumables, equipment, tools required for all electrical and related works before execution.
 - Review design drawings and studies the contract documents and applicable standards or specifications before execution of the project.
 - Manage directly a team of (Engineers, Supervisors and Technicians) and provide engineering and technical support to the entire electrical work group at site.
 - Prepare quantity survey and measurements.
 - Establish invoices and supervise its proper application.
 - Plan the execution of all electrical related works and coordinates the works to mechanical and civil groups.
 - Coordinate with the Consultant / Owner's representatives for any site instructions and inspection of works.
 - Ensure that all the works done are in accordance with the approved design drawings, contract documents, project specifications, and all applicable standards whether local, national or international standards.
 - Perform other related duties as may be required by the Project Manager.