

Holds a B. Sc. in Electrical Power Engineering and has about 13 years hands-on experience working in construction, technical office, testing and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/11/1982
Gender : Male
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power Engineering, South Valley University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Autodesk AutoCAD
: Dialux, V drop, Bus bar 32

TRAINING COURSES AND CERTIFICATIONS

: Training in Simple Steam Power Plant – Alexandria (6 months).
: Training in West Delta Company for generating electrical power (2 weeks).
: Electrical Power Distributions (15 days in 2013).
: Schneider Electric Solutions (7 days in 2008).
: Fire Alarm / Fighting Systems (21 days in 2006).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2014 till now
Employer : Dar Al Riyadh Consultants (E&A), Riyadh, Saudi Arabia
Project : MOH INFRASTRUCTURE PROJECT, SAKAKA-1 NORTH REGION
Job title : Senior Electrical Engineer

- Job Description** : • Scope of work:
- Electrical power distribution (MV/LV), street lighting & telecommunications networks.
 - Potable water & Fire water networks.
 - Irrigation network with control system.
 - Sewage Water Treatment Plant (STP) & Lifting Station.
 - Roads network, Storm water network.
- Role in this project:
- Review and approval of shop drawings for all electrical system (MV distribution system, LV distribution system, street lighting system, telecommunications system, loads schedules).
 - Review and approval of Technical submittals for electrical systems.
 - Supervision and follow up electrical works in site.
- Dates** : From Jun. 2011 till Jul. 2013
- Employer** : Al Shabanat Engineering Consultant, Riyadh, Saudi Arabia
- Job title** : Supervision Engineer
- Job Description** : • Medicine College, Tabuk University (from Jun. 2011 till Jul. 2013):
- Scope of work: Electrical installations for (Dry type package substations, MV cables, LV cables, Biomedical labs, interior & exterior lightings, fire alarm & fighting system, BMS system, low current system, chiller system, elevator system), Complete civil works with post tension system and HVAC works.
 - Role in this project:
 - Supervision and receiving all electrical installations made in site.
 - Follow up for carrying out all electrical works with technical specifications.
 - Review and coordination with all systems.
 - Follow up for carrying out all approved shop drawings and materials.
 - Review design for all electrical loads calculations.
 - Review and approval of shop drawings for all systems.
 - Review technical submittals for all systems.
 - Design and studying any modification requested from client of project.
 - Testing and commissioning for all systems (substations, main & branch panels, MV/LV cables, low current systems).
 - Technical reports and given technical solutions for complex issue.
 - Infrastructure for housing of members authority pupilising (from Jun. 2012 till Jul. 2013):
 - Scope of work: Electrical power distributions (MV/LV) system, street lighting, telecommunications networks, sewage water piping lines, storm networks, roads outside fence along project, utilities and related structure/architecture.
 - Role in this project:
 - Site supervision for all electrical works.
 - Reviewing & approved all shop drawings and submittal materials.
 - Testing and commissioning for all electrical works.

Dates : From Feb. 2009 till Feb. 2011

Employer : Al Rajhi for Engineering Consultations, Riyadh, Saudi Arabia

Job title : Electrical Engineer

Job Description :

- Design of Military Buildings (from Feb. 2009 till May 2009):
 - Scope of work: Electrical installations, civil & steel structure, architecture works, HVAC system.
 - Role in this project:
 - Designs and studies all electrical systems.
 - B.O.Q and technical report making.
 - Projects studies and loads estimations for all different loads.
- Supervision for several Military Buildings (14 Buildings (military police, training Squadron, igloos weapon storage, naval technical training team, naval forces Camps, ...etc.)) (from Jun. 2009 till Feb. 2011):
 - Scope of work: Electrical installations, civil & steel structure, architecture works, HVAC system.
 - Role in this project:
 - Technical support and Site supervision for all electrical works.
 - Reviewing & approved all shop drawings and submittal materials.
 - Making coordination with contractors & and consultants of projects.
 - Quality control and progress of works in all projects.
 - Costing studies of projects and B.O.Q tables
 - Testing and commissioning for all electrical works.

Dates : From Jan. 2008 till Dec. 2008

Employer : Eastern Company for construction, Dammam, Saudi Arabia

Job title : Electrical Site Engineer

Job Description :

- Maintenance and operation for storm water lift stations (from Jan. till Jun. 2008):
 - Scope of work: Electrical equipments, pumps and submersibles pumps, MCC panel, generator system.
 - Role in this project:
 - Maintenance & monitoring for all electrical equipment.
 - Check all equipments in lift stations.
 - Making technical reports about testing result & lift station process.
- Executing number of schools (from Jun. till Dec. 2008):
 - Scope of work: Electrical installations, civil & steel structure, architecture works, AC system, Fire alarm system & fire fighting, ...etc.
 - Role in this project:
 - Site Engineer, carried out all electrical systems (panel boards, indoor & outdoor lighting, power cables, AC & ventilation system).
 - Preparing and presenting all shop drawings and submittal materials for approval. Calculations of electrical loads and B.O.Q tables.
 - Testing and commissioning for all electrical works.

- Dates** : From Aug. 2004 till Dec. 2007
- Employer** : United for electrical contracting, Cairo, Egypt
- Job title** : Electrical Site Engineer
- Job Description** :
- Naema Heights Village, Sharm El-Sheikh (from Jun. 2006 till Dec. 2007):
 - Scope of work: Electrical equipments, MV/LV cables, installation all systems for time share units, Swimming pool & pumps room, Kitchen electrical installations, decorative lighting Pole, water desalting station, grounding system.
 - Role in this project:
 - Work as Electrical Site Manager for carrying out all electrical systems.
 - Check all electrical equipments in village & made maintenance.
 - Testing and commissioning for all electrical equipments.
 - Responsibility for all site tasks (installation, purchases order, make invoices, ...).
 - Replacing and install electrical works for Fabric and Yarning Factory (from Oct. 2005 till May 2006):
 - Scope of work: Electrical installations, unit substation, industrial lighting, bus ducts & cables trays, Grounding system, AC system.
 - Role in this project:
 - Site Engineer, carried out all electrical systems (panel boards, indoor & outdoor lighting, power cables, AC & ventilation system).
 - Preparing and presenting all shop drawings and submittal materials for approval.
 - Connections power cables for all equipments.
 - Calculations of electrical loads and B.O.Q tables.
 - Testing and commissioning for all electrical works.
 - Botanical Oil Factory (from Nov. 2004 till Sep. 2005):
 - Scope of work: Electrical installations, unit substation, installed electrical equipments, Industrial lighting, bus ducts & cables trays, grounding system, AC system.
 - Role in this project:
 - Site Engineer, carried out all electrical systems (panel boards, indoor & outdoor lighting, power cables, AC & ventilation system).
 - Preparing and presenting all shop drawings and submittal materials for approval.
 - Connections power cables for all equipments.
 - Calculations of electrical loads and B.O.Q tables.
 - Testing and commissioning for all electrical works.

Technical Skills:

- Projects Studies and Load Estimation.
- B.O.Q and Technical Reports Making.
- Work Plans, Frame Work and Reports.
- Aware with different codes and standards (NEC, IEC, BS).
- Aware with Technical specifications for Projects (Residential, Hospitals, Commercials, colleges ...etc.).
- Excellent Background about Generating & Transformation Stations.
- Background about all transformers, motors, diesel engines.