

100287-ELE-16CDEHQSyz-E-2010
Lead Electrical Technical Office Engineer

Holds a B. Sc. in Electrical Power Engineering and has over 9 years hands-on experience working in construction and technical office.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Power Engineering, Alexandria University, 2010

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: C, Visual Basic

TRAINING COURSES AND CERTIFICATIONS

: Don Bosco (PLC, pneumatic & hydraulic).
: Sidi Krir Power Station (Alexandria) - Sidi Bishr substation (Alexandria).
: Hagar Elnawateya substation (Alexandria) - Gleem substation (Alexandria).
: El-Amreya for Petrol Refinement (Alexandria).
: Industrial Technical Institute (mechanical drawings and design).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2019 till now
Employer : Gama for construction (Triangle Group) (Cairo)
Project : Latin District (Zone 3)
Job title : Lead Electrical Technical Office Engineer

- Job Description** : • Support the electrical team with all the engineering issues.
• Prepare Shop drawing for all electrical systems (medium voltage, low voltage and low current).
• Coordination between all threads.
• Prepare technical submittals and bill of quantities for material supply.
• Supervise material submittals and material control.
• Prepare and maintain organized and detailed project records.
- Dates** : From Jun. 2015 till May 2019
- Employer** : Orascom Construction (Cairo)
- Job Description** : • The New El-Alamain City utility buildings and El-Masa Hotel (Senior Electrical Engineer):
- Check power transformers, switchboards (MV & LV), infrastructure networks.
 - Perform all electrical inspections related to installations, testing, commissioning etc.
 - Witness the Factory tests, controls and inspections carried out.
 - Perform all relevant checks for light current systems (Fire alarm, BMS, RMS, access control, Data).
 - Execute the inspections on materials, equipment and construction / installation activities on site.
 - Issue the relevant Quality Records and, when necessary, writes and sends to QC Supervisor non-conformances reports, Ensure the correct implementation of the approved Inspection Test Plan.
 - Perform punch-listing operations.
- West Damietta Power Plant Combined Cycle Add-On (EPC contract) consortium with General Electric (GE), Engineering by PGESCO (Commissioning Engineer):
- During commissioning stage (Commissioning Engineer): Commissioning all balance of plant skids, MV, LV switchgears, cables, transformers, instrumentation, DCS (operation, troubleshooting) with loop and function tests needed.
 - During construction stage (Technical Office Engineer): Responsible for engineering and technical office duties such as material control - coordination between threads - resolving site issues within specs and standards recommendation.
- Marassi village PK#27 & PK#76:
- Install MV network with transformers and LV networks of 9 residential building with of 182 villas. Including light current and small power outlets.
 - Achievements:
 - ❖ Selected as the winner of Orascom Construction HSE monthly employee on Sep. 2016.
 - ❖ Reward of recording with the project team 10 million hours without injuries.
 - ❖ Winning with PK#27's team one of the best three projects in Orascom construction on 2015.

Dates : From Oct. 2014 till Jun. 2015
Employer : Ouroba Misr for construction (Alexandria)
Projects :

- Orouba mall extension Borg Elarab (operation and maintenance)
- Fish island restaurant (extension construction, operation and maintenance)
- Orouba-Carrefour mall Tanta
- Sedra compound phase II (operation and maintenance)
- Orouba royal compound phase V (construction and maintenance)

Job title : Lead Electromechanical Engineer
Job Description : Install, test and commissioning then operation and maintenance of:

- Electrical: MV & LV networks including transformers, light current and small power outlets.
- Mechanical: ventilation, firefighting and HVAC systems
- Including selecting contractors - establishing installation schedules - integrating requirements with architectural and civil designs - verifying code requirements, updating cost estimates, resolving design conflicts according to coordination and site issues.

Dates : From May 2013 till Oct. 2014
Employer : Marseilia for trading and construction (Alexandria)
Project : Marseille Florence Elmontaza (6 buildings with 630 residential units, mall and hotel)
Job title : Senior Electromechanical Engineer
Job Description :

- Install, test and commissioning of:
 - Electrical: MV & LV networks including transformers, light current and small power outlets.
 - Mechanical: ventilation, firefighting and HVAC systems with elevators.
 - Including quantities surveying, contractor invoices, verifying code requirements, resolving design conflicts according to coordination and site issues, material control.
- Achievement: Rewarded for redesigning electrical network which reduces the total cost.

Dates : From Dec. 2011 till May 2013
Employer : Ouroba Misr for construction (Alexandria)
Project : Orouba Mall Borg Elarab (construction and operation)
Job title : Electrical Site Engineer
Job Description : Install, test and commissioning then operation and maintenance of MV & LV networks with light current and small power outlets Including quantities surveying, resolving design conflicts according to coordination and site issues and material control.

Dates : From Jul. 2010 till Dec. 2011
Employer : Alexandria International for trading and marketing (Alexandria)
Job title : Electronic Design Engineer
Job Description : Design, install:

- Solar system applications.

- Automatic traffic controller, counter down, signs,etc.
- Home automation systems.
- Developing electronic systems and equipment to working with solar energy.
- Traffic speed radars.
- Maintenance contracts with industrial companies.

Dates : From Jul. 2010 till Oct. 2013 (part time)

Job Description : Electrical Design Engineer with different architecture design offices as:

- Engineering Group for Architecture and Decoration (EGAD) (four projects in and outside Egypt).
- Elindaza for engineering consultant in KSA (Residential projects).

Technical Skills:

- PLC (Siemens S7 200/300).
- Pneumatic, electro pneumatic.
- Hydraulic, electro hydraulic.
- Electronics, Microcontrollers.
- Principles of Instrumentation & DCS MARK IVe (GE).
- Principles of firefighting and HVAC.
- Classic control.