

Holds a B. Sc. in Electrical & Control Engineering and has over 11 years hands-on experience working in construction, maintenance, commissioning and start-up at Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## EDUCATION

: B. Sc. in Electrical & Control Engineering, Arab Academy for Science & Technology Maritime Transport, 2006

## LANGUAGES

Arabic : Native Language  
English : Excellent

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD

## TRAINING COURSES AND CERTIFICATIONS

: Training on switches and transformers, Alexandria National Refining and Petrochemical (ANRPC) (Jul./Aug. 2005).  
: Courses:

- Special machine.
- PLC 1 & PLC 2.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From May 2016 till now  
**Employer** : Saudi Building Technic Maintenance Co. LTD  
**Project** : King Abdul Girls College, KSA  
**Job title** : Site Manager  
**Job Description** : Site Manager for construction and maintenance in all systems:

- Chiller HVAC System.
- Diesel generators.

- Lighting System.
- Transformers.
- Elevators.
- Fire alarm.
- Firefighting.
- Building management system.

**Dates** : From Aug. 2013 till May 2016  
**Employer** : West Delta Electricity Production Company  
**Project** : Abu Qir Power Station New Project - 2 Units 1300MW (ALSTOM)  
**Job title** : Senior Electrical Maintenance Engineer  
**Job Description** :

- Maintenance of Network Bus Bar (Medium voltage, Low voltage).
- Testing, operation and maintenance of Switchgear.
- Operation and maintenance of cranes.
- Testing and maintenance of transformers.
- Implementation of circuits for lighting streets, buildings and to repair the faults.
- Testing and commissioning of voltage and current Transformers.
- Installation, testing, operation and maintenance of motors.
- Operation and maintenance of DC Voltage systems. (Battery, Chargers, Rectifiers, UPS).
- Operation and maintenance of Diesel Generator.
- Testing and maintenance of Earthing system.
- Maintenance of all control circuit and repair the faults.
- Maintenance of electrical valves and adjusts the opening and closing distances valves.

**Dates** : From Jan. 2013 till Jul. 2013  
**Employer** : AMAL Petroleum Company, Ras Shukair, Global Technical Service  
**Job title** : Electrical Commissioning & Start-up Engineer  
**Job Description** :

- Supervising project pre-commissioning and commissioning activities as an electric lead.
- Plan and execute pre-commissioning, commissioning, start-up of:
  - Low voltage switchgears.
  - Motor control centers.
  - LV, MV motors.
  - Transformers.
  - Lighting system.
  - Diesel generators.
  - Earthing system.
  - Lightning system.
  - Cathodic protection.

**Dates** : From Apr. 2012 till Dec. 2012  
**Employer** : Bahraini Gas Derivatives Company, Ras Shukair, Global Technical Service  
**Job title** : Electrical Commissioning Engineer  
**Job Description** :

- Supervising project pre-commissioning and commissioning activities as an electric lead.
- Plan and execute pre-commissioning, commissioning, start-up of:

- Medium voltage switchgears.
- Low voltage switchgears.
- Motor control centers.
- LV, MV motors.
- Transformers.
- Lighting system.
- Diesel generators.
- Earthing system.
- UPS system.
- Lightning system.
- Cathodic protection.

**Dates** : From Oct. 2011 till Mar. 2012  
**Employer** : TEC Company – Subcontractor for ABB  
**Project** : Damanhur Power Plant Unit 300MW  
**Job title** : Engineering & Construction Electrical Engineer  
**Job Description** :

- Re-development AVR (Automatic voltage Regulation).
- Re-development Water Treatment.
- Re-development UPS (uninterruptable power supply).
- Re-development DCS (Distributed control system).

**Dates** : From Mar. 2011 till Sep. 2011  
**Employer** : Kharafi National  
**Project** : Al-Shabab Project (1000MW)  
**Job title** : Commissioning & Start-up Electrical Engineer  
**Job Description** :

- Supervising project pre-commissioning and commissioning activities as an electric lead.
- Plan and execute pre-commissioning, commissioning, start-up of Complete Power Plant (8x125MW):
  - Medium voltage switchgears.
  - Low voltage switchgears.
  - Motor control centers.
  - LV, MV motors.
  - Transformers.
  - Lighting system.
  - Diesel generators.
  - Earthing system.
  - UPS system.
  - GIS 220KV SIEMENS (SIPROTEC).
  - Generator circuit breaker (Areva).
  - DC system (Rectifier).

**Dates** : From Feb. 2007 till Mar. 2011  
**Employer** : West Delta Electricity Production Company  
**Project** : Abu Qir Power Plant - 4 Units 600MW and 1 Unit 325MW (ALSTOM)  
**Job title** : Electrical Maintenance Engineer  
**Job Description** :

- Installation, testing and maintenance of Network Bus Bar (Medium voltage, Low voltage).
- Installation, testing, operation and maintenance of Switchgear.

- Installation, operation and maintenance of cranes.
- Installation, operation, testing and maintenance of transformers.
- Implementation of circuits for lighting streets, buildings and to repair the faults.
- Testing and commissioning of voltage and current Transformers.
- Installation, testing, operation and maintenance of motors.
- Installation, testing, operation and maintenance of DC Voltage systems. (Battery, Chargers, Rectifiers, UPS).
- Implementation of practical circuits Star – Delta.
- Operation and maintenance of Diesel Generator.
- Installation, testing and maintenance of Earthing system.
- Construction and commissioning the static excitation system in generator (Redevelopment) (AVR) automatic voltage regulation 4 unit 150MW.
  - Transformer and cables.
  - Excitation cubical.
  - Rewinding the rotor in the synchronous generator.

- Field of experience :**
- Familiar of electric drawings (P&ID, SLD, Wiring diagrams).
  - Preparing Material requests for spare parts.
  - Prepare Electrical subsystem boundary documents, commissioning and start-up procedures.
  - Execute commissioning and start-up procedures with clients, subcontractors or vendors.
  - Provide commissioning support during start-up activities up to project completion.
  - Participate in all Company HSE systems and ensure that all work carried out by all parties engaged in all phases of the project complies with these requirements.
  - Provide regular communication of system status, schedule issues, quality issues, etc. to the Commissioning Manager.
  - Ensure that Electrical Isolations are applied in accordance with Company Electrical Isolations standard.
  - Familiarize oneself with the remaining pre-commissioning and commissioning work scope for electrical equipment for each system. Identify opportunities for early system handover of systems.
  - Be familiar with the Project Management of Change Procedure and Site Change Control and Technical Queries procedure.
  - Participate in bi-party punch list system.