

Holds a B. Sc. in Electrical Power & Machines Engineering and has more than 8 years hands-on experience working in construction, operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/04/1988
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Assiut University, 2010

LANGUAGES

Arabic : Native Language
English : Very Good
Italian : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2D
: Revit MEP 2012

TRAINING COURSES AND CERTIFICATIONS

: OSHA Construction (10H) in Petro Aseel Center (PAC) for QHSE Training and Consultations.
: Risk Assessment (10H) in Orascom Construction training.
: First Aid course (10H) in Orascom Construction training.
: Operations Training ST Code D202 Steam Turbine 270T947 & 948 / Generator Model H63 (324) 290T947 & 948 Assiut Egypt Combined Cycle by GE Company.
: Completed a training course on BOP of ST Code D202 sn-270T947/270T948 by GE Company.
: Completed a training on Excitation System EX2100e by GE Company.
: Completed training course on Classic Control.
: Completed a training course on Power System Extension, Jelecom, Cairo, Egypt (Jul. 2010).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2017 till now
- Employer** : Upper Egypt Electricity Production Company (UEEPC)
- Project** : Assiut West 1500MW Combined Cycle Power Plant:
- Plant consist of 8 Gas turbines (8x125MW) and 2 steam turbines (2x250MW).
 - Gas Turbine: Frame 9E GE 125MW.
 - Steam Turbine: Type GE D202 250MW.
 - HRSG: Dosan vertical Type.
- Job title** : Operation Electrical Engineer
- Job Description** :
- Commissioning and 1st start-up for Gas Turbine and Generator.
 - Start-up and Operation Gas turbine in (Fuel gas and fuel Oil) under normal and emergency situations in conjunction with the shift charger Engineer.
 - Combustion inspection & hot gas bass inspection witness.
 - Online and offline wash compressor.
 - Pre-Commissioning and 1st rolling for Steam Turbine and Generator.
 - Start-up and Operation for Steam Turbine.
 - Start-up and operation HRSGs.
 - Perform all duties related to the monitoring, maintenance and operation of plant auxiliary equipment including periodic walk downs of the turbine and HRSG building as well as outside location such as the air cooled coolers, desalination unit, air compressor and storage tanks.
 - Control and maintain auxiliary equipment, such as pumps, fans, compressors, condensers, feedwater, heater, filter, and chlorinators, to supply water, fuel, lubricants, air, and auxiliary power.
 - Make chemical cleaning for feed lines to HRSG and all related construction.
 - Review all power plant drawings (General Arrangement, layout P&ID, isometrics, Detailed drawing) to ensure smooth operation for all plant equipment and auxiliaries.
 - Report any unusual or unsafe condition to shift Engineer.
 - Position and configure plant equipment such as opening and closing valves, starting / stopping of pumps and compressor, visual inspection of the combustion process, operation of the crane system, orderly storage of materials, checking and maintaining fluid levels and gases for proper operation.
 - Adjust controls to generate specified electrical power, or to regulate the flow of power between generating stations and substation.
- Dates** : From Nov. 2015 till Apr. 2017
- Employer** : ORASCOM Construction Industries
- Project** : Al-Burullus 4800MW Combined Cycle Power Plant
- Job title** : Electrical Senior Site Engineer
- Job Description** :
- Supervise the Electrical, Instrumentation and Control installation of the Project.
 - Direct the site work crew and the subcontractor.
 - Manage work operation involving construction, installation, test, and Commissioning of (Balance of Plant BOP) system:

- Cooling Tower (Cable Trays, Power & Control cables).
- Water Intake Building (travel water screen, trash rake, cleaning pump).
- Pump House Building.
- Pulling Low and Medium voltage cables, control cables in the manholes.
- Central Control Building.
- Low Voltage Switchgear Building.
- Administration and Central Building.
- Workshop and Stores Building.
- Main Gate House Building.
- Air Compressor Building.
- Duct Bank system.

Dates : From Jul. 2014 till Oct. 2015
Employer : ORASCOM Construction Industries
Project : Central Building Project and Administration Building Project alhekstep, Cairo, Egypt
Job title : Electrical Site Engineer
Job Description :

- Supervise the Electrical installation of the Project.
- Direct the site work crew and the subcontractor.
- Coordination electrical drawing with Interior Design (ID).
- Manage work operation involving construction, installation, test, and commissioning of the systems:
 - Lighting System.
 - Power System.
 - Earthing system.
 - Electrical Power Station:
 - Transformers.
 - Generator.
 - Uninterruptable Power Supply (UPS).
 - Main Distribution Boards.

Dates : From Nov. 2013 till Jun. 2014
Employer : ORASCOM Construction Industries
Project : Social Building Project, Cairo, Egypt
Job title : Electrical Site Engineer
Job Description :

- Supervise the Electrical installation of the Project.
- Direct the site work crew and the subcontractor.
- Quantity surveying of the materials for each trade:
 - Cable Trays and Cable Trunks.
 - Power Cables.
 - Wiring Devices.
- Review and request the purchase orders.
- Coordination electrical drawing with Interior Design (ID).
- Manage work operation involving construction, installation, test, and commissioning of the systems:
 - Lighting System.
 - Power System.
 - Fire alarm System.
 - Public Address System.

- Telephone and Data system.
- Master Satellite (MATV) system.
- Earthing system.
- Electrical Power Station:
 - Transformers.
 - Main Distribution Boards.

Dates : From Jan. 2012 till Jun. 2013

Employer : ORASCOM Construction Industries

Project : Dar al Handasah, DAR NEW PREMISES IN CAIRO SMART VILLAGE, CAIRO, Egypt

Job title : Electrical Site Engineer

Job Description :

- Supervise the Electrical installation of the Project.
- Direct the site work crew and the subcontractor.
- Prepare the As-Built Drawings.
- Quantity surveying of the materials for each trade.
- Coordinate with project subcontractor and consultant.
- Report the project progress to management.
- Receive and review the materials in the project (MIR).
- Make work Inspection requests (WIR) to the Consultants.
- Manage work operation involving construction, installation, test, and commissioning of the systems:
 - Lighting System.
 - Power System.
 - Fire alarm System.
 - Public Address System.
 - CCTV and security system.
 - Telephone and Data system.
 - Audio visual system.

Dates : From Aug. 2010 till Dec. 2011

Employer : ORASCOM Construction Industries

Project : Housing and Development Bank: Administration Building, Tagamoa Khamis, New Cairo City, Egypt

Job title : Electrical Site & Technical Office Engineer

Job Description :

- Supervise the Electrical installation of the Project.
- Direct the site work crew and the subcontractor.
- Quantity surveying of the materials for each trade:
 - Cable Trays and Cable Trunks.
 - Power Cables.
 - Wiring Devices.
- Review and request the purchase orders.
- Coordination electrical drawing with Interior Design (ID).
- Prepare and review the Composite Drawings.
- Prepare the As-Built Drawings.
- Quantity surveying of the materials for each trade (MIR).
- Coordinate with project subcontractor and consultant.
- Report the project progress to management.
- Receive and review the materials in the project.
- Make work Inspection requests (WIR) to the Consultants.

- Manage work operation involving erection, installation, test, and commissioning of the systems:
 - Lighting System.
 - Power System.
 - Fire alarm System.
 - Public Address System.
 - Building Management System (BMS).
 - CCTV and security system.
 - Telephone and Data system.
 - Audio visual system.
 - Master Clock system.
 - Master Satellite (MATV) system.
 - Earthing system.
 - Electrical Power Station:
 - Transformers.
 - Diesel Generator.
 - Main Distribution Boards.
 - Emergent Main Distribution Boards.