

Holds a B. Sc. in Mechanical Power Engineering and has about 8 years hands-on experience working in construction, maintenance and QC.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/06/1988
Gender : Male
Marital Status : Married
Residence : Currently Kuwait

EDUCATION

: B. Sc. in Mechanical Power Engineering, Tanta University, 2011

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: HAP
: AutoCAD
: Revit
: Solid Works

TRAINING COURSES AND CERTIFICATIONS

- : NDT Level 2 (5 Methods) (EWS-ASNT).
- : Revit MEP Professional (Autodesk) (Nov. 2017), CAD MASTERS (GSI) (Kuwait):
 - Create a building model with all Mechanical & electrical systems.
 - Extract 2D drawings for construction documents.
 - Use work-sharing features to collaborate with multiple users on a single project.
 - Document the project with all necessary floor plans, ceiling plans, sections & etc.
- : HVAC System Design, EGYCET (Cairo, Ain Shams University):
 - Cooling Loads Estimation.
 - CFM Required for the cooling Loads.
 - Air Ducts Calculation (Design, Insulation & QS).

- AHU Selection.
 - Chilled Water System Design and Selection.
 - BOQ for the HVAC system.
- : Firefighting System Design, EGYCET (Cairo, Ain Shams University):
- Firefighting system classification (Water System - Gas System).
 - Hazard Classification.
 - Sprinklers (Types - classification).
 - Hydraulic Calculations.
 - Pumping System.
 - Pump Selection.
 - Suction & Discharge Connections.
- : Plumbing System Design, EGYCET (Cairo, Ain Shams University):
- Water Supply.
 - Drainage.
 - Water Tanks.
 - Pipe sizing & pump selection.
 - Heating of Water.
 - Swimming Pool.
 - Sump pits.
 - Special Drainage System, Infrastructure & Rain Drainage system.
- : Heavy Weight Equipment Maintenance (International Development Programs & DETAC) (Eastern Company Project 6TH of October City), Maintenance Engineer / Workshop Manager:
- Knowledge about Mechanical parts & breakdowns.
 - Daily, Weekly & Monthly Maintenance plan.
 - Corrective and preventive Maintenance of Equipment.
 - Tower crane (Maintenance, operation & fastening).
 - Workshop Engineer able to cooperate with the maintenance crew.
- : Pumping & Heat Exchangers (Cairo Petroleum Company) (Tanta) (3 months), Maintenance Engineer:
- Knowledge about different type of pumps and heat exchangers.
 - Pumps, Heat exchanger Maintenance.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2017 till now
- Employer** : United Facilities Management (UFM), Kuwait
- Job title** : Mechanical Engineer
- Job Description** :
- Job Purpose: HVAC Maintenance Project Manager.
 - Prepare Maintenance Plan for HVAC Equipment's.
 - Respond for any Maintenance Orders & Complaints.
 - Managing the Manpower for the Work.
 - Prepare the report for Maintenance & Monitor the project cost.
-
- Dates** : From Sep. 2016 till Jun. 2017
- Employer** : Green System Solutions (GSS), Cairo
- Job title** : Mechanical Design Engineer (My Business)

Job Description :

- Job Purpose: Design & Assemble Electrical panels & Battery Cabinet.
- Design, Tendering & manufacturing the Sheet Metal Parts for Battery Cabinets & Electrical Panels.
- Assemble the Battery Cabinet & ATS Panels.
- Sheet Metal Design Engineer for Battery Cabinet for UPS and Electrical Panels.
- Manage the work on the workshop from designing to the client delivery.
- Designing different type and size of battery cabinet and electrical panels (8, 10, 12, 16, 20, 40 & 60 Battery cabinets & ATS panels).

Dates : From Sep. 2014 till Sep. 2016

Employer : XERVON

Project : Damietta MOPCO 2 & 3

Job title : Thermal Insulation Quality Control Engineer

Job Description :

- Inspect the thermal Insulation Materials, works. Done by company & Subcontractors.
- Inspect the work & prepare the Inspection Request for the Main contractor.
- Inspect the Thermal Insulation Works with the Main contractor & Owner.
- Inspect the Manufacturing Process of Cladding, Valves Box according to specification.
- Ensure that the executed work is in accordance to the job specification of the client project and quality control Procedure.
- Responsible for performance of the assigned site works.
- Responsible for technical and economic control of the site.
- Coordinate all activities necessary for achieving the project scope of work.
- Resolve any problem / issue with client and/or subcontractor.
- Periodic report to the Project Manager regarding the performance of the work.
- Organize and control the site activities.
- Respect the Client Specifications, regulations and rules.
- Full acknowledgment with all insulation material.
- Corporate with safety staff regarding the safe working.

Dates : From Apr. 2014 till Sep. 2016

Employer : Doosan Heavy Industries & Construction

Project : Ain Sokhna Supercritical Power Plant

Job title : Thermal Insulation Site Engineer

Job Description :

- Inspect the thermal Insulation Materials, works. Done by Subcontractors.
- Inspect the Manufacturing Process of Cladding, Valves Box according to specification.
- Ensure that the executed work is in accordance to the job specification of the client project and quality control Procedure.
- Responsible for performance of the assigned site works.
- Responsible for technical and economic control of the site.
- Corporate with safety staff regarding the safe working.
- Lead all the man-power with zero accident target.

- Further experiences :**
- Diesel Generators Maintenance (Egyptian Armed Forces) (2 yrs.), Maintenance Engineer:
 - Responsible for the operation, maintenance of the different type of diesel generators.
 - Responsible for the activity of the maintenance for the workshop.
 - Responsible for the Daily, Weekly & Monthly Maintenance plan.
 - Boilers Maintenance (Egyptian Armed Forces) (2 yrs.), Maintenance Engineer:
 - Responsible for the operation, maintenance of the steam boilers (1:4 T/Hr.).
 - Responsible for the Daily, Weekly & Monthly Maintenance plan.
 - Responsible for the activity of the maintenance for the workshop.
 - Ration Equipment Maintenance (Egyptian Armed Forces) (2 yrs.), Maintenance Engineer:
 - Responsible for the maintenance of ration equipment.
 - Responsible for the Daily, Weekly & Monthly Maintenance plan.
 - Responsible for the activity of the maintenance for the workshop.

- Field of experience :**
- Mechanical Power Engineer (Tower Cranes Assembly, Car Maintenance, Ration Equipment Repairing).
 - Thermal Insulation Engineer (Construction & Quality Control).
 - Sheet Metal Designing & Cutting.
 - Facility Management (HVAC Maintenance).