

Holds a B. Sc. in Mechanical Power Engineering and has about 6 years hands-on experience working in construction, technical office and QC.

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2016

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD Plant 3D  
: AutoCAD  
: Flow Pipe Expert  
: Pipe Net  
: Solid Works  
: MS Project

## **TRAINING COURSES AND CERTIFICATIONS**

: API 686 (Recommended Practice for Machinery Installation and Installation Design).  
: Pumps operation, selection, troubleshooting and maintenance.  
: Gas compressor operation, selection, troubleshooting and maintenance.  
: Gas turbine operation, selection, troubleshooting and maintenance.  
: Vibration monitoring and analysis for turbo machinery protection system.  
: Machine Alignment balancing and mechanical sealing.  
: ASNT NDT Level II:

- Radiographic Test (RT) ASNT LEVEL II.
- Ultrasonic Test (UT) ASNT LEVEL II.
- Magnetic Particle Test (MT) ASNT LEVEL II.
- Liquid Penetrant Test (PT) ASNT LEVEL II.

- Visual Test (VT) ASNT LEVEL II.
- : ASME IX Ed.2017.
- : ASME B31.1 Power Piping.
- : ASME B31.3 Process Piping Guide.
- : AWS D1.1 STRUCTURAL WELDING - STEEL.
- : Heating, ventilation and air conditioning (HVAC).
- : Firefighting system.
- : Trainings at:
  - Middle Delta Electricity Production Co. (El-Atf Power Station) (2014).
  - Egypt Airlines flights (Egypt Air) (2015).
  - Alexandria Passengers Transport Authority.
  - Nasr General Contracting (Hassan Allam Co.).

## CHRONOLOGICAL EXPERIENCE RECORD

**Employer** : Petrojet  
**Project** : Middle East Oil Refinery (MIDOR Expansion Project)  
**Job title** : QC Engineer & Flange Management  
**Job Description** :
 

- Responsible for all mechanical works (piping activities).
- Make piping punch list.
- Review and verified all material to assure that compliance with project specification.
- Review and control the fabrication activities as per ITP / FQP / Contract / Specification / Code & Approved DWG.
- Witness PWHT, PMI, Hardness Testing, Magnetic Particle Testing, Liquid Penetrant Testing.

**Employer** : Petrojet  
**Project** : (NCIC) AIN-SOKHNA PHOSPHATIC FERTILIZER COMPLEX Project  
**Job title** : QC Engineer & Flange Management  
**Job Description** :
 

- Responsible for all mechanical works (piping activities).
- Review and verified all material to assure that compliance with project specification.
- Review and control the fabrication activities as per ITP / FQP / Contract / Specification / Code & Approved DWG.
- Controlling the welding process and weld consumables.
- Creating awareness about the welding by conduction tool box meeting.
- Inspection finished welds for completion, defects, reinforcement, etc.

**Employer** : Petrojet  
**Project** : BP West Nile Delta – Gas Development Project  
**Job title** : QC Engineer & Flange Management  
**Job Description** :
 

- Responsible for all mechanical works (piping activities).
- Hold point on overlay welding process and weld consumables.
- Review and verified all material to assure that compliance with project specification.
- Prepare and review test package.
- Controlling the welding process and weld consumables.

- Creating awareness about the welding by conduction tool box meeting.
- Inspection finished welds for completion, defects, reinforcement, etc.
- Review and control the fabrication activities as per ITP / FQP / Contract / Specification / Code & Approved DWG.
- Witness PWHT, PMI, Hardness Testing, Magnetic Particle Testing, Liquid Penetrant Testing.

**Employer** : Alpha Design and Networking  
**Job title** : Technical Office Engineer & Planning Engineer in firefighting systems  
**Job Description** :

- Responsible for make shop drawing & bill of quantity.
- Create a primavera baseline schedule and update plan to include changes.
- Preparation of Project Schedule (Tools used: Primavera, MS Project, etc.) covering entire scope and within defined timeline.

**Employer** : Fire Protection Systems (FPS)  
**Projects** :

- Assiut Loading Station
- International Luxor Airport
- Disouq Field
- SOHAG Loading Station

**Job title** : Mechanical Technical Office, Firefighting & Design Engineer  
**Job Description** :

- Responsible for project Designing firefighting systems.
- Performing Hydraulic calculations (FLOW PIPE EXPERT & PIPE NET) & Shop Drawing by using AutoCAD Plant 3D.
- Responsible for:
  - Make P&ID.
  - Isometric and routing for piping.
  - Make bill of material for project.
- Make shop drawing according to Codes (NFPA).

**Dates** : From Feb. 2018 till Oct. 2018  
**Employer** : DELTA CONSTRUCTION  
**Project** : West Damietta Add-On Power Plant 250MW Combined Cycle  
**Job title** : Mechanical Engineer  
**Job Description** :

- Worked at steam turbine (D-200) and generator.
- Responsible for construction mechanical drawings according to applicable standards, Specifications and review method statement and risk assessment for construction activity.

**Dates** : From Jul. 2016 till Feb. 2018  
**Employer** : DELTA CONSTRUCTION  
**Project** : Al-Burullus 4800MW Combined Cycle (Fast Track)  
**Job title** : Mechanical Engineer  
**Job Description** :

- Worked at steam turbine (SST5-5000) and generator (SGEN5-2000H) and skids and exciter.
- Responsible for construction mechanical drawings according to applicable standards, specifications and review method statement and risk assessment for construction activity.

- Planning of erection sequence as per site conditions.
- Deal troubles occurred during erection according to deviation between Actual Site and design plan.
- Establish communications with Design to resolve field problems.
- Pre-commissioning activities:
  - System conformity & integrity checks.
  - Oil flushing, Air blowing, steam blow.
  - Pressure test, Leak test.