

Holds a B. Sc. in Mechanical Power Engineering and has about 3 years hands-on experience working in construction and piping.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 15/07/1993  
Gender : Male  
Marital Status : Single  
Residence : Helwan, Cairo

## **EDUCATION**

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

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

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

## **TRAINING COURSES AND CERTIFICATIONS**

: HVAC Design Course & Fire Fighting Design Course (Engineers House).  
: ASME II & ASME B31.3 (Inspection Academy).  
: Mechanical Engineer (Summer Training) at Diesel Engine 909 Military Factory - Cairo (Jul./Aug. 2014):

- Follow some of engine parts manufacturing.
- Prepare a daily sheet with parts manufactured in factory.
- Follow engine parts assembly.
- Liaise with the responsible engineer to ensure right working procedure.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Dec. 2016 till now  
**Employer** : ORASCOM (Main Contractor)  
**Project** : BURULLUS CCPP Project 4800MW - Kafr El-Sheikh

- Job title** : Mechanical Site Engineer
- Job Description** :
- Preparation of Field Assembly and installation for two HRSG components including: Foundation, Main steel column Inc. casing panels, Top girders, Field insulation & liner plate of casing, earthquake bumpers, Side wall gas baffles, lifting modules, permanent header's suspension, Hot box gas baffles and sealing plates, lifting and alignment of Flue gas silencers, Lifting LP & IP Drums, Lifting HP Separator, outlet duct, stack and stack damper.
  - HVAC whole system for gas and steam turbine buildings.
  - Manual firefighting including all FHCs and FEs for two units.
  - Complete piping system for two units.
  - Co2 firefighting system and transformers firefighting system for two units.
  - Preparing progress daily report.
  - Coordination with client in daily and weekly meeting.
  - Liaise with QC team to guarantee Performance with high quality and minimize list of points later.
  - Test packages & systems follow-up (punch list, testing & mechanical completion).
  - Supervise all preparation of test incl. valves modifications, spring supports de-Blocking, filling water equipment's and filling water process.
  - Follow Reinstatement after test.
  - Preparing punch list by system according to Chemical Cleaning priority including static equipment's, piping and Pipe Supports.
  - Prepare and presence with owner during walk downs to detect List of points.
  - Do required jobs by owner representative to be satisfied and close Punch list of Points.
  - Close List of points with owner till sign TOAC.
- Dates** : From Jul. 2016 till Nov. 2016
- Employer** : El- Masria Company for Construction (Sub-Contractor)
- Project** : Beni Suef CCPP Project 4800MW
- Job title** : Construction Piping Engineer
- Job Description** :
- Review isometrics, P&ID and PFD.
  - Follow piping activities starting from workshop prefabrication ending by Fit-up & welding at correct position.
  - Update weld-map weekly.
  - Prepare daily & weekly report.
- Field of experience** :
- Familiar with ASME codes and standards.
  - Familiar with P&ID, PFD and plant layout.
  - Good knowledge of piping construction and equipment installation.
  - Good knowledge of mechanical rotating equipment like (PUMPS, COMPRESSORS, TURBINES).
  - Rotary machines shaft alignment.
  - Mechanical engineering fundamentals & mechanical systems.