

Holds a B. Sc. in Mechanical Power Engineering and has over 1 year hands-on experience working as Mechanical Site Engineer at New Assiut Combined Cycle Add-on Power Plant.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 05/01/1995  
Gender : Male  
Residence : El-Shorouk City, Cairo

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Helwan University, 2017

## **LANGUAGES**

Arabic : Native Language  
English : Very Good  
German : Fair  
Spanish : Fair

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD 2D

## **TRAINING COURSES AND CERTIFICATIONS**

: Gas Turbine Engine Familiarization for undergraduate Engineers (Egypt Air).  
: Solid Works basic design applications (Jelecom Egypt).  
: CAPM preparation course (for CAPM certification from PMI).  
: Revit MEP (UTW 8 program).  
: ANSYS (Helwan University).  
: Fluid power course (Minnesota University) (Coursera).  
: ILETS preparation course (Future learn site).  
: UTW (8) program (including firefighting - HVAC - medical gas systems - water supply systems - drain - swimming pool - soft skills).  
: Creative leadership course (HP Company).  
: Trainings at:

- North Cairo Power Station (Jul. 2014).
- Egypt Air (Aug./Sep. 2014 & Aug./Sep. 2015).
- Ezz Flat Steel (Suez) (Aug./Sep. 2015).

- Qarun Petroleum Company (Jul./Aug. 2015).
  - Engineering Consultants Group (from Jul. till Sep. 2016).
  - Petrojet Petroleum Company (Jun./Jul. 2016).
- : Diesel generator training, Coelmo Company (Dec. 2018).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2017 till now
- Employer** : Orascom Construction
- Project** : New Assiut Combined Cycle Add-on Power Plant 500MW:
- The project is added to gas power plant produce 1000MW.
  - It consists of two modules with two steam turbines, eight gas turbines and eight Heat recovery steam generation (HRSGs).
  - Each module has four gas turbines, four HRSGs, one steam turbine (250MW) and Air-cooled condenser.
- Job title** : Mechanical Site Engineer
- Job Description** :
- Responsible for all valves on the project (manual, check, control, pneumatic, angle, stop check, motorized, gate, butterfly, safety, ball and relief) valves.
  - Responsible for making calibration for valves positioners (Siemens positioners).
  - Responsible for making pigging test for safety valves.
  - Responsible for making commissioning for all valves.
  - Responsible for preparing all valves on the eight HRSGs to hydro test.
  - Responsible for preparing all valves on the eight HRSGs to chemical cleaning.
  - Responsible for preparing all valves on the eight HRSGs to steam blow for each module.
  - Responsible for making reinstatement for these valves.
  - Responsible for making emergency maintenance for valves.
  - Responsible for greasing all valves on the project.
  - Responsible for making maintenance for motorized, pneumatic actuators and safety valves.
  - Responsible for the fixation of all turbine skirts.
  - Responsible for making calibration of valves.
  - Responsible for one HRSG commissioning process.
  - Responsible for making maintenance for pumps.
  - Responsible for closing punch list for 4 HRSGs.
  - Responsible for making preservation for all valves.
  - Responsible for making preservation for all pumps.
- Dates** : From May 2017 till Sep. 2017  
From May 2016 till Sep. 2016
- Employer** : KIA Motors Service Center, El-Shorouk City branch
- Job title** : Trainer
- Job Description** :
- Preparing the material and presentations about car engines to explain it to the trainees.
  - Preparing the material and presentations about power transmission for cars to explain it to the trainees.

- Show the explained material to the trainees in the workshop.