

**101096-MEC-45CMO-E-2016**  
**Mechanical Installations & Maintenance Engineer**

Holds a B. Sc. in Mechanical Power Engineering and has over 5 years' experience working in construction, maintenance and operation.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 14/09/1993  
Gender : Male  
Marital Status : Married  
Residence : Beni Suef

## EDUCATION

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

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

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

## TRAINING COURSES AND CERTIFICATIONS

: HVAC Systems Design, Egyptian Company for Engineering Training – Egyptian Engineers Syndicate in Assiut (Mar. 2016).  
: Hydraulic systems.  
: Heavy equipment and pumping stations systems.  
: Firefighting systems.  
: Plumbing systems.  
: Dynamic and positive displacement pumps.  
: Valves types.  
: Mechanical seal.  
: Coupling types.  
: Bearing basics, SKF.

- : Shaft Alignment.
- : Renewable energy, EDLAL.
- : Creative thinking and innovation, EDRAAK.
- : Influence and self-development, EDLAL.
- : Training at TITAN Cement Company in Beni Suef, Egypt.
- : Training in Heavy equipment and pumping stations Systems in Hufuf, Saudi Arabia.
- : Training in Hydraulic systems in Hufuf, Saudi Arabia.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2020 till now
- Employer** : ACMA for Chemicals and Mining
- Job title** : Mechanical Installations & Maintenance Engineer
- Job Description** :
- Supervising the installations of crushing system.
  - Supervising the installations of horizontal ball mill.
  - Supervising the installations of screws, belt conveyors.
  - Supervising the installations of ducts and pipelines.
  - Supervising the installations of steel constructions.
  - Supervising the mechanical maintenance of six productions lines and crushers line.
  - Supervising the complementary industries and modifications.
  - Supervising the mechanical maintenance of heavy equipment such as forklifts.
  - Supervising the preventive maintenance of all equipment.
  - Supervising the air systems with all components such as air compressors and air dryers.
  - Supervising the erection and maintenance of water-cooling system.
  - Supervising the maintenance and manufacturing of parts in outsource workshop.
  - Inspection on the performance of the production line.
  - Shop drawing analysis of constructions of new production lines.
  - Make quantities calculations reports of pipes and fitting of new production lines and send them to the workshop for manufacturing.
  - Determine the appropriate spare parts for the equipment and maintain their quantities in the store,
  - Check on the quality and specifications of new equipment and spare parts.
- Dates** : From Jun. 2018 till Dec. 2019
- Employer** : Shield for Engineering Services
- Project** : TITAN Cement Egypt – Beni Suef Plant
- Job title** : Mechanical Site & Maintenance Engineer
- Job Description** :
- Supervising the maintenance of oil pumps, heat exchangers, lubrication systems, performance of oil cycles and lubrication operations for all parts of the factory.
  - Supervising the maintenance of mechanical parts such as bearing, gearboxes and cyclo drives.

- Supervising the installation of compressors air pipelines.
- Supervising the installation of plumbing pipelines.
- Supervising the installation of firefighting pipelines.
- Making shaft alignment to air fans motors.
- Supervising the installation and maintenance of belt conveyors.
- Supervising maintenance operations such as repairing the crushers, dismantle and changing the inlet and outlet seal of the kiln, changing linings of mill and changing the bucket elevator.
- Supervising the installation of steel beams and sheet metals.
- Immediate maintenance in case of any sudden breakdown of any equipment in the factory at any time.
- Follow-up maintenance and faults during the work of the factory.
- Supervising the arrangement and distribution of working groups composed of supervisors, mechanics, technicians, welders and helpers.

**Dates** : From Mar. 2017 till Mar. 2018  
**Employer** : Egyptian Armed Forces  
**Project** : Military Service  
**Job title** : Pumping Station Operator  
**Job Description** : Supervising the operation and maintenance of the water pumping station.

Technical Skills:

- Shop drawing.
- Quantities calculations.