

105562-MEC-1CDO-E-2014
Mechanical Operation & Site Engineer

Holds a B. Sc. in Mechanical Power Engineering and has more than 1 year hands-on experience working in construction and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/10/1991
Gender : Male
Marital Status : Single
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Minia University, 2014

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Matlab software programming and Simulink

TRAINING COURSES AND CERTIFICATIONS

: AutoCAD 2D (2012).
: Diploma of HVAC, Firefighting and Plumbing.
: Revit MEP (2016).
: Basic Hydraulic (2013).
: OSHA (Construction Safety).
: Trainings at:

- AFC (Abu Qir Fertilizers Co.) (Jul. 2012).
- DTCGC (Delta Trade and Cotton Ginning Co.) (Aug. 2012).
- DTCGC (Delta Trade and Cotton Ginning Co.) (Jul./Aug. 2013).
- UEEPC (Upper Egypt Electricity Production Co.) (Aug./Sep. 2013).

: Visits:

- El-Kureimat Power Plant (Mar. 2012).
- High Dam Power Plant (Aug. 2012).
- Aswan I Power Plant and Aswan II Power Plant (Aug. 2012).
- Naga Hammadi Hydraulic Power Plant (Aug. 2012).

- Zafarana Renewable Energy Station (Apr. 2013).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2017 till now
- Employer** : UEEPC (Upper Egypt Electricity Production Co.)
- Project** : El-Kureimat III Power Plant
- Job title** : Mechanical Operation & Site Engineer
- Job Description** : Responsible of site components like:
- GE Gas turbine frame 9FA and its auxiliary.
 - Auxiliaries systems are:
 - Inlet air system.
 - GT lube oil system.
 - Combined hydraulic & lift oil system.
 - Trip oil supply.
 - Gas fuel system & liquid fuel system.
 - Atomizing air system.
 - Fuel purge system.
 - Cooling and sealing air system.
 - Water injection system.
 - Cooling water system.
 - Compressor / Turbine water wash system.
 - Generator and Excitation control.
 - B.O.P (Balance of plant) contains:
 - Closed cooling system (pumps, heat exchangers).
 - Instrument and Service compressors and its Air dryer.
 - Demi water pumps, Service water pumps, Seal water pumps.
 - Circulating water pumps.
 - Deal with trash rack, travelling screen water system.
 - Familiar with valves (gate, globe, butterfly and check) and their operation (manual, motorized and pneumatic).
- Dates** : From Dec. 2016 till Jun. 2017
- Employer** : NVGC (Nile Valley Gas Co. - One of TAQA Gas Group)
- Project** : Bani Mazar Gas Project
- Job title** : Mechanical Project Engineer
- Job Description** :
- Responsible of all project parts:
 - Network pipelines welding, testing and construction of city network pipelines.
 - Installing and testing of pipes and fittings at customers' homes.
 - Installing, testing and operating of regulators that regulate pressure from medium pressure (7 bar) to low pressure (100 mbar).
 - Converting devices from operating with LPG to operate natural gas.
 - Installing of pipeline under Hilton bridge at Bani Mazar and al-ibrahimia and railway to connect the east sectors with west sectors by hydraulic auger.
 - Completed two sectors of Bani Mazar and made them operating with natural gas which service more than three thousands customers.

Dates : From Nov. 2016 till Dec. 2016
Employer : IPI Egypt (Intelligent Power International Co.)
Job title : Mechanical Technical Engineer
Job Description :

- Worked at control of air conditions to save electrical power consumed.
- Responsible of installing and maintenance of Airco-Delta device that installing with air condition to save electrical power.
- Installing the Airco-Delta at CIB branches (Al-Sadat, Assiut, Luxor, Aswan, Nabq and Sharm El-Sheikh).
- Making tests for the Airco-Delta for Banque Misr branches (Shoubra and Rod Elfarag).