

Holds a B. Sc. in Mechanical Power Engineering and has more than 6 years hands-on experience working in construction, operation and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/10/1991
Gender : Male
Marital Status : Married
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

: HRSG training at UEEPC Training Center (Mar. 2022).
: GE gas turbine training at UEEPC Training Center (Apr./May 2018).
: 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 Apr. 2016 till now
- Employer** : UEEPC (Upper Egypt Electricity Production Co.)
- Project** : El-Kureimat II & III Power Plant
- Job title** : Mechanical Commissioning, Operation & Field Engineer
- Job Description** :
- Working at El-Kureimat III Power Plant (combined power plant GE module contains (gas turbine GE frame 9FA and steam turbine Alstom (P320 TGC))):
 - 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, Fuel purge system.
 - ❖ Atomizing air system, Water injection system.
 - ❖ Cooling water system, Cooling and sealing air 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).
 - Responsible for managing and authorizing the daily LOTO / PTW / TSA.
 - Permitting (Lock out - Tag Out / Permit to Work / Task Safety Awareness).
 - Responsible for the preparation, organizing, and authorization of the required forms prior the execution of any activities under the custody and control of the Commissioning Team.
 - Responsible for supporting the Commissioning Leads in the preparation and issuing the required authorizations in a timely manner so as to not delay the planned and or reactive daily activities.
 - Working at control program (mark Vle).
 - Attended The (GE) Major Inspection for Gas Turbine (Unit 4).
 - Attended the (GE) Hot Gas Path Inspection for Gas Turbine (Unit 3) and the Update of the GE Gas Turbine from Frame 9FA to Frame 9FAe.
 - Attended the (GE) Inspection for Gas Turbine (Unit 3) and replacing the No.2 bearing of the unit.
 - Attended the (GE) Major Inspection for Alstom steam turbine.
 - Field Engineer for the CMI HRSG at El-Kureimat III and II.
 - Deal with DCS (ALSPA P320).
 - Working at El-Kureimat II Power Plant (combined power plant SIEMENS

module (gas turbine SIEMENS frame SGT5-4000F):
Responsible of site components like:
- Gas turbine SIEMENS frame (SGT5-4000F).
- Working at control program (T3000).

Dates : From Oct. 2019 till now
Employer : Ahram Academy
Job title : Mechanical Instructor
Job Description :
• Safety Instructor and Engineering Drawing.
• Hydraulic and pneumatic circuits course.

Dates : From Dec. 2016 till Jun. 2018
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 10 sectors of Bani Mazar and made them operating with natural gas which service more than 50 thousand 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).

Field of experience :
• Knowledge of relevant plant equipment and control room operations.
• Awareness of HSE and quality standards.
• Knowledge of all relevant power plant processes and equipment.
• Knowledge of operating systems like DCS, Mark VIe.
• Knowledge of downtime analysis and attention to details & power operational activities.
• Mentoring, coaching and people management skills.