

Holds a B. Sc. in Mechanical Power Engineering and has over 4 years experience working in maintenance, operation, commissioning of rotating equipment.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 23/02/1993
Gender : Male
Marital Status : Single
Residence : Assiut

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Mark VIe operation and Control Program of GE turbines
: AutoCAD 2D

TRAINING COURSES AND CERTIFICATIONS

: Permit to work system (PTW) for construction and commissioning training.
: Gas Turbine Fundamentals, Components, Operation & Maintenance Course from GE Company.
: Steam Turbine Fundamentals, Components, Operation & Maintenance Course from GE Company.
: Centrifugal compressor Operation & Maintenance Course from GE Company.
: Centrifugal compressor and Steam turbine operation & maintenance course from Hitachi Company.
: Alignment & Vibration training.
: Design Mix Company for ready concrete equipment: take great idea about the operation of diesel engines of man and Mercedes trucks and the diagnose programs (2018).
: Chevrolet Mansour, Assiut Branch, Egypt: Gained experience in maintenance of cars (2015).

- : Assiut Company for Refining petrol, Assiut, Egypt: Gained experience at refining petrol, focused on the machines like as (Heat Exchangers, Pumps furnaces', ...), Communicated with handlers and Technologists in the production workshop addition to training in the production workshop (2014).
- : Algazl wa Lnaseeq Company, Assiut Branch, Egypt: Gained experience at the Mechanical System and stages of production (2013).
- : Organic Fertilizer Factory in Mankabad, Assiut, Egypt: Trained on power system operation, Gained experience at maintenance on some machines of the system (2012).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2020 till now
- Employer** : Egyptian Chemicals Industries Co.
- Project** : Ammonia Plant Project by KBR Technology
- Job title** : Mechanical Engineer
- Job Description** :
- Preparation and performing Mechanical Running Test for rotating equipment machines.
 - Supervise the commissioning & start-up of rotating equipment.
 - Perform Lube Oil Flushing, Motor solo Run activity and Mechanical Running Test for all Rotating Equipment (steam Turbine & compressors & Pumps).
 - Review of construction procedure, method statement and construction As-built documents.
 - Responsible for installation of Rotating equipment.
 - Supervising the commissioning activities related to the vendor recommendations and assisting the operation to fix the site troubleshooting.
 - Ensure that all safety and precautionary requirements and procedures are followed during rotating equipment maintenance & commissioning activities.
 - Preventive & Overall maintenance for centrifugal Pumps.
 - Preventive & Overall maintenance for centrifugal compressor.
 - Preventive & Overall maintenance for Steam Turbines.
 - Initial shaft alignment using Laser alignment and dial gage method for rotating equipment.
 - Perform routine maintenance schedule and daily progress.
 - Coordinating work activities with other teammates. Investigating and resolving problems.
 - Achieving the Daily and Weekly maintenance for all rotating equipment (Gas turbine, steam turbines, centrifugal compressors and pumps).
 - Operation:
 - GE Nuovo Pignone centrifugal compressor (2MCL1007 & 2BCL456).
 - GE Nuovo Pignone centrifugal compressor (3MCL457 & 2BCL358).
 - GE Nuovo Pignone centrifugal compressor (BCL408 & 2BCL358/A).
 - HITACHI centrifugal compressor (2MCH607 & 2BCH305/A).
 - HITACHI centrifugal compressor (BCH358).
 - Synchronous A. C. generator with power (28MW) driven by steam turbine.

- Identify problems and develop corrective action plans during operation.
- At first start-up the plant.
- Pre-commissioning and commissioning activities: Steam line blowing, process line air blowing, purging with nitrogen, lube Oil system flushing, logic interlocks checking, ...etc.

Dates : From Jan. 2018 till Feb. 2020

Employer : Design Mix Company for ready concrete equipment

Job title : Mechanical Engineer

Job Description :

- Prepare maintenance plans for heavy equipment like (excavator, Loaders, fork lift, mixer trucks and concrete pumps).
- Maintenance of all Hydraulic components, such as hydraulic pumps and motors.
- Plan and coordinate safe operation the equipment on daily basis to keep the machines running at good conditions.
- Develop operation and maintenance strategies and provide technicians team support for applied the maintenance plans to ensure the machines work at normal conditions.
- Make recommendations for improvements.
- Implement cost reduction initiatives and maintain the inventory of the spare parts.
- Investigate problems, analyze root causes and drive resolution.