

Holds a B. Sc. in Mechanical Power Engineering and has 1 year of work experience in operation and maintenance of rotating equipment.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/08/1995
Gender : Male
Marital Status : Single
Residence : Ain Shams, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, South Valley University, 2019

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Sizing compressor selection and performance prediction program

TRAINING COURSES AND CERTIFICATIONS

- : Training at Egypt Air in Luxor Airport (aircraft gas turbine engine components of Boeing 737 MAX, types of combustion chambers, and types of compressors that we can use in aero engines) (Jul. 2018).
- : Training at Nissan Company for car services in Luxor (components of internal combustion engine, how the engine works and some of troubleshooting) (Aug. 2016).
- : Training at Factory of Sugar in Dishna (installation process of Siemens steam turbine generate 4.5MW, alignment process of turbine shaft by using dial indicator and feeler measuring devices, how the turbine work, limitation of pressure and temperature that turbine can operate on, mechanism of speed governor) (Jul./Aug. 2017).
- : Training at Aluminum Company in Naga Hammadi (reciprocating compressor components and its cycle) (Aug. 2015).
- : Turbo machinery course in Egysset Company.
- : Gas turbine course (self-study).
- : Compressor course (self-study).

- : Pumps course (self-study).
- : Bearing, shaft alignment, shaft coupling and valves courses (self-study).
- : Basic of pipeline and piping course (self-study).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : For 1 year
Employer : Egyptian Air Force - Aswan Air Force Base
Project : Military Service
Job Description : Worked as Maintenance Engineer of centrifugal pumps on turbid water filtration plant and as Operation Engineer of listerblack stone diesel generation engines that generate (500 KW) of electricity.

Skills:

- Good knowledge on the field of rotating machinery including gas turbine (it's types - component - maintenance) steam turbine, pumps (reciprocating - centrifugal pump and it's troubleshooting - screw) compressors (reciprocating - centrifugal - axial - screw) and can make a selection and sizing for the compressor by using sizing compressor selection and performance prediction program.
- Understand on bearing, shaft alignment, shaft coupling, valves and basic of pipeline and piping.