

Holds a B. Sc. in Mechanical Power Engineering and has about 6 years experience working in installation, design, maintenance and operation.

PERSONAL DATA

Nationality : Egyptian
Gender : Male

EDUCATION

: B. Sc. in Mechanical Power Engineering, Assiut University, 2011

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Solid Works
: Corel Draw
: Art Cam coding Numerical Control Machine (CNC)

TRAINING COURSES AND CERTIFICATIONS

: Training at Sugar Manufacturing Company.
: Trainings at Refinery Petrol Company, Cement Company and Water Company.
: Training at Electric Power Generation Company.
: Pumps maintenance.
: Water hummer.
: Hydraulic valves.
: Diesel Engines and electrical generator maintenance.
: Optimal operation and maintenance of the sand filters and settling Deposition basin.
: Electrical motor maintenance.
: Power control disk maintenance

CHRONOLOGICAL EXPERIENCE RECORD

- Employer / Project :**
- Working as Installation, Maintenance and Operating Engineer at plants of water and waste water.
 - Worked in designing and operation (CNC) machines.
 - Worked as Designer of packaging and food machine.
 - Worked in Car Parts Manufacturing Company.

- Field of experience :**
- Basic experience of firefighting system.
 - Basic experience of refrigeration and air conditioning and ventilation.
 - Implementation of Maintenance by dialing with computerized maintenance programs.
 - Make maintenance reporters and plan of predictive and protective maintenance.
 - Diesel engines types and petroleum engines maintenance and fuel pump.
 - Wide knowledge and experience by solar thermal systems.
 - Hydraulic system parts maintenance, as pumps types, Actuators types, Valves types (especially solenoid valve).
 - Maintenance concrete pump.
 - Maintenance Hydraulic pump as centrifugal, vanes and axial pumps.
 - Machines Designer (ability to design machines).
 - Background about electric machines and electric systems.
 - Rapid understanding for technical problems and finding created solution.
 - The scientific contributions:
 - Ability of making scientific researches.
 - I make same innovation in renewable energy.
 - In water treatment.
 - The removal of iron and manganese by aeration.
 - The removal of ammonia from Groundwater.
 - The removal of iron and manganese letting with CHLORINE.
 - Waste water treatment plant in the new triangular-shaped bales way to produce drinking water for agriculture suitable to use for irrigation of crops for human use.
 - Water purification station by using ultrasonic.
 - New Designs of ventilation and heating system by solar energy.