

Holds a B. Sc. in Mechanical Engineering and has over 6 years hands-on experience working in construction, maintenance and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/06/1991
Gender : Male
Marital Status : Single
Residence : Damanhour

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2013

LANGUAGES

Arabic : Native Language
English : Excellent
French : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : Electrical CompEX (ATEX) Training (01 to 04), Certification from OCS Houston Training Institute in Houston, USA:
 - Hazardous area classification and Apparatus selection.
 - Types of Protection, Glands and accessory selection.
 - Wiring systems.
 - Testing, Maintenance and Selection.
- : Field installation Training in Solar Turbines Facility in Mabank, Texas - USA, which included:
 - Basic of Control Systems (TT3, TT4, TT5).
 - Removal, modification, rework, and installation of package controls and package systems to upgrade industrial gas turbine packages.
 - Hydro Mechanical Diagrams (Hydros), Tube Bending, Deburring and Hydraulic Swaging.
 - Conduits and using Green Lee Bender.

- Electrical Schematics, Wiring and cable glanding.
- : Basic Offshore Safety and Emergency Training including EBS (OPITO Course code 5700) – BOSIET, Certified from OPITO at The Arab Academy of Science, Technology and Maritime Transport.
- : Basic H2S Training (OPITO Course code 9014) – H2S, Certified from OPITO at The Arab Academy of Science, Technology and Maritime Transport.
- : Medical Certification of fitness for offshore work from Oil and Gas UK (OGUK).
- : Safety Induction Training In Solar Turbines Europe Office in Braine L'Alleud, Belgium.
- : Four months training program by Siemens Germany in Talkha Power Station as a part of Mega-Project Egypt Training which included:
 - Foundation Training.
 - Fundamental Technical Training.
 - Basic operation Training for open cycle.
 - Basic operation Training for Combined cycle.
- : Two months training by Siemens Germany in Germany as a part of Mega-Project Egypt Training which included:
 - Simulator Training (SPPA-T3000) for open and combined cycle in Siemens Operation and Maintenance Training Center, Erlangen.
 - Gas Turbine (SGT5-8000H) Training in Siemens Training Center and Factory, Berlin.
 - Steam Turbine (SST5-5000) and Generator (SGen5-2000H) Training in Siemens Training Center and Factory, Essen.
- : Psychology and Communication Course from EDGE Consultants.
- : Work Ethics course from NASS Academy (National Academy for Science and Skills).
- : Static and Rotary Equipments Maintenance.
- : Jaltest Software for Fault Diagnosis at ATEC Organization.
- : ACERT Technology and Modern diesel Injection Systems at MANTRAC Egypt.
- : Preventive Maintenance of Caterpillar Heavy Equipments at MANTRAC Egypt.
- : System Information Software (SIS).
- : Caterpillar Electronic Technical (ET).
- : Training Course on Assembly, Operation and Maintenance of Drilling Machine, TESMEC Trencher.
- : Hydraulic Maintenance and Test for Pumps, Transmission and Cylinders using AIDCO TEST SYSTEM.
- : Load Bank for loading and testing Electric Generating Units.
- : Hourly Analysis program (HAP).
- : Computer Aided Drafting using AUTOCAD Application.
- : MATLAB Mathematical Desktop.
- : Summer trainings at:
 - Alexandria Petroleum Company (A.P.U) (1 month in 2012).
 - El-Zawia Power Station (1 month in 2010).
 - Behira Water & Drainage Company (1 month in 2012).
- : English course at I.B.I. and NASS Academy.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2019 till now
Employer : Solar Turbines Europe S.A
Job title : Field Installation Engineer (FIR)
Job Description :

- The first Arabian Engineer to join FIR team all over the world in Solar Turbines.
- Plan and execute the removal, modification, rework, and installation of package controls and package systems to upgrade industrial gas turbine packages of Solar Turbines in Europe, Middle East and Africa (EAME).
- Apply extensive technical, mechanical, electrical, and hydro-mechanical skills required to perform all aspects of controls and package system upgrades on all supported product lines specializing in complex designs.
- Possess expert skills in conduit and cable tray installation, tube bending and installation, and sub assembly techniques required to complete package systems upgrades.
- Serve as a Subject Matter Expert for package systems upgrade techniques and processes.

Dates : From Apr. 2016 till Jan. 2019
Employer : SIEMENS
Project : Burullus Power Station (4800MW)
Job title : Mechanical Operation Engineer
Job Description :

- (SPPA-T3000) Operator for monitoring and controlling the operation of open and combined cycle.
- Check equipment and indicators to detect evidence of operating problems.
- Start or stop generators, turbines and the other equipments as necessary.
- Determining project objectives such as efficiency, cost, energy conservation, operator convenience and environmental quality.
- Provide operational management information by collecting, analyzing and summarizing operating and engineering data and trends.

Dates : From Oct. 2013 till Mar. 2016
Job titles :

- Reserve Officer and Leader of Hydraulic Department at El-Shorouk Main Military Workshops for Heavy Equipment Maintenance
- Member of the maintenance group for the Suez Canal Project, the way of Al-Galala and the construction of El-Mosheer Mosque

Job Description :

- Responsible for maintaining and repairing the heavy equipments and its components.
- Responsible for organizing and operating of the daily jobs in the hydraulic department at El-Shorouk main military workshops.
- Conducting periodic maintenance checks, planning equipment upgrades and modifications.
- Identifying faults, investigating equipment breakdowns and monitoring the performance of equipment after repairs have been carried out.

- Field of experience :**
- Gas Turbine (SGT5-8000H).
 - Steam Turbine (SST5-5000).
 - Generator (SGen5-2000H).
 - Mercedes-Benz Unimog (U500).
 - Loader International 540 & 520 & 515.
 - Bulldozer International TD25 & TD20.
 - TITON 200 drilling machine.
 - INGERSOLL-RAND Drilling machine LM100.
 - INGERSOLL-RAND Compressor 675.
 - CAT Loader 938H.