

Holds a B. Sc. in Mechanical Power Engineering and has over 9 years experience working in construction, maintenance and operation.

PERSONAL DATA

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

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Fluent
French : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Allen-Bradley Products - Rockwell Automation software and logic (Rslogix)
: Vibration analyzers (CSI) Emerson
: Siemens (SPPA-T3000) Software and logic
: Jaltest software for fault diagnosis
: Caterpillar System Information Software (SIS)
: Caterpillar Electronic Technical (ET)
: 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

TRAINING COURSES AND CERTIFICATIONS

: Certified Vibration Analyst - Category II from Mobius Institute (M-150704-01).

- : Complete Field Service Training Program at Solar Turbines Training Center/Facility in ZebraK, Czech Republic for 6 months:
 - Electrical safety Authorized Certification.
 - Lock Out Tag Out (LOTO) Authorized Certification.
 - Rigging and Lifting Training Certification.
 - Borescope (Everest and Olympus) Certification.
 - Alignment and Levelling Certification.
 - Vibration Analysis Certification.
- : 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.
 - Electrical, Wiring Schematics preparation.
- : 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).
- : Solar 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.
- : Training Course on Assembly, Operation and Maintenance of Drilling Machine, TESMEC Trencher.
- : 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 Apr. 2020 till now
- Employer** : Solar Turbines Europe S.A
- Job title** : Field Service Engineer (FSR)
- Job Description** :
- Serve as a company technical and administrative representative and deals with Middle East Oil & Gas and PG customers service assignments in very critical environment including on-site preventive maintenance and inspection service work, call-out services and commissioning activities on all types Solar gas turbine engines and applications (Compressors, Generators, Mechanical Drives and Pumps).
 - Completed Oil & Gas customer service projects in Egypt, Jordan, Oman, Saudi Arabia, Libya, Pakistan and most of middle east countries.
 - Ensure customer expectations are met or exceeded, ensure all maintenance activities are carried out in accordance with Solar Engineering specifications, recommendations and best practices, recognize electrical/mechanical abnormalities and potential safety problems at and take appropriate action to prevent a serious safety hazard from developing and causing damage to equipment, Provide daily reports to the relevant manager on projects or daily work, Keep abreast of pending work and personnel required to complete the projects.
 - Ensure that necessary parts are available and submit materials requisitions when required and Accurately report and update all equipment histories to effectively forecast equipment utilization and efficiency and Coordinate any changes necessary to ensure operations are efficient and minimal downtime is required and ensure effective communication and reporting to immediate supervision and if applicable, customer representatives.
 - Solar key of communication on site with most of Oil and Gas and PG customers in Middle East.
- Dates** : From Jan. 2019 till Apr. 2020
- Employer** : Solar Turbines Europe S.A
- Job title** : Field Installation Engineer (FIR)
- Job Description** :
- 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.
- 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 title : Leader of Hydraulic Department at El-Shorouk Main Military Workshops for Heavy Equipment Maintenance

Job Description :

- Preventive Maintenance Engineer in New Suez Canal Project.
- Maintenance Engineer for heavy equipment in way of Al-Galala and construction of El-Mosheer Mosque.
- 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.