

Holds B. Sc. and M. Sc. in Mechanical Power Engineering and has over 13 years hands-on experience, including 10 years working at Power Plants with good knowledge in operation of gas turbine generating units and auxiliaries.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/12/1985
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

- : B. Sc. in Mechanical Power Engineering, Alexandria University, 2008
- : Master degree in Power Station in Mechanical Dept., Alexandria University, 2016

LANGUAGES

Arabic : Native Language
English : Good
French : Fair

COMPUTER SKILLS

- : Windows, MS Office, Internet
- : AutoCAD program design and drawing (2D & 3D)
- : EES program (engineering equation solver)
- : Matlab program (mathematical laboratory)
- : HTRI program for heat exchanger design

TRAINING COURSES AND CERTIFICATIONS

- : GE 9FA gas turbines on-site operation mechanical training and operation electrical/control training, Nubaria (Jul. 2012).
- : English: TOEFL certificate from Alexandria University.
- : English: American oral test and (SEPT) for reading, writing and listening from AMERICAN UNIVERSITY IN CAIRO (AUC).
- : International Computer Driving License (ICDL).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2017 till now
Employer : SIEMENS
Project : Burullus Power Plant
Job title : Shift Charge Engineer
Job Description : Leading operation group in shift in combined cycle power plant (gas turbine - steam turbines - HRSG), combined cycle Siemens class H.

Dates : From Jan. 2013 till Jun. 2017
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Power Station Module III (750MW)
Job title : Shift Lead
Job Description : Leading group in operation for combined cycle power plant GE frame gas turbine 9FA.

Dates : From Mar. 2011 till Jan. 2013
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Power Station Module III (750MW):

- Two GE CTG x 250MW type MS9001 (9FA).
- Two horizontal HRSG.
- One STG 250MW (HP, IP, LP).
- 500KV switchyard.
- Medium and low switchgears.
- Module auxiliaries.

Job title : Shift Operator
Job Description :

- STF HRSG Operator Engineer: Responsible for operating 2 HRSG (STF) & Auxiliaries such as Service, Circulate, Closed cooling, Demi, Condensate, high pressure and low pressure) pumps and Instrument / service air compressors.
- GE Gas Turbines Operators Engineer: Responsible for operation of two GE gas turbines with auxiliaries such as Lube oil system and Turning gear system, Hydraulic system, Generator, LCI....
- Alstom Steam Turbine Operators Engineer:
 - Unit description: ALSPA p320-TGC.
 - Skids such as: Lube oil system and Turning gear system and Jacking oil pump, Hydraulic system; Gland steam system, Vacuum condenser system and Vacuum breaking system; Water box Evacuation system; HP bypass and IP bypass; LP Hood water injection; Turbine's drain system, Tube cleaning system; Debris filter; Generator (50wx23z-109), Turbine Instrument (vibration, temperature ...) and Condenser.

Dates : From Sep. 2008 till Mar. 2011
Employer : Consultancy Group for Trading and Integrated Studies and Project Management Company
Project : Construction of Marsa Allam Resort
Job title : Site Engineer

- Job Description** : Commissioning Mechanical Engineer and construction of Resort in Marsa Alam including HVAC, fire-fighting, treatment station, piping network, desil. power generation station....
- Dates** : From Apr. 2009 till Jan. 2010
- Project** : Military Service
- Employer** : Alexandria Engineering Car Center (AECC) (during education)
- Job title** : Maintenance Engineer
- Job Description** : Working in holidays with the following tasks:
- Car periodic maintenance.
 - Diagnosis faults in car diagnostic machine.
 - Repair faults and alarms.
 - Replace damage parts.
 - Making car overhaul fixing.
- Field of experience** :
- Analyze Gas Turbine faults & upsets, investigate and recommend solutions.
 - Organize evaluation and testing of gas turbine component.
 - Follow the Dispatch Load Request.
 - Start-up and Shut down of the Units.
 - Detect and diagnose malfunction of equipments and prepare for work orders.
 - Operate the units even in case of abnormal operation.
 - Collect and analyze periodical data.
 - Follow and deal with Alarms in Central Control Room.
 - Follow Operation Specifications.
 - Analysis of all necessary Information about Local Sites.
 - Operations of medium, low voltage switchgears and load centers.