

Holds a B. Sc. in Mechanical Power Engineering and has over 10 years hands-on experience in operation, maintenance, commissioning and start-up of gas / steam turbine generating units and auxiliaries.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 22/06/1977  
Gender : Male  
Marital Status : Married  
Residence : Kafr El-Sheikh

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Tanta University, 2003

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : Maintenance and Operation Training on Steam turbine (Jun./Jul. 2006) at:
  - Nagasaki – JAPAN, Mitsubishi Heavy Industries Ltd. Nagasaki Shipyard Machinery Works & Introduction to Genkai Nuclear Power Station.
  - Kobe – JAPAN, Mitsubishi Electric Corporation Energy Systems Center.
  - OBE – JAPAN, Turbine Maintenance Training.
- : GE 9FA gas turbines on-site operation mechanical training and operation electrical/control training (from Feb. 2009 till Apr. 2009), Nubaria.
- : SIEMENS V94.3A gas turbines basic on-job operation training, Nubaria.
- : Operation and maintenance of combined cycle plant (GE-GT 4x25MW & ST 58MW), Abu Qir Training Center, Alexandria, May/June. 2005.
- : Basic operation training of Siemens gas turbine (V94.3A), Abu Qir Training Center, Alexandria (Dec. 2005):
  - Introduction to the plant.
  - Electrical and I&C part.
  - Gas turbine.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2013 till now  
**Employer** : Middle Delta Electricity Production Company (MDEPC)  
**Project** : Nubaria Power Station (2x750MW)  
**Job title** : Senior Shift Charge Engineer
- Dates** : From Jun. 2010 till Apr. 2013  
**Employer** : KHARAFI NATIONAL Co.  
**Project** : SHUAIBA NORTH Cogeneration Power/Distillation Plant – Kuwait:
  - Three GE CTG x 250MW type MS9001 (9FA)
  - Three horizontal HYUNDAI HRSG
  - One TOSHIBA STG BACK PRESSURE TURBINE
  - Four GAS COMPRESSORS
  - 275KV switchyard ABB
  - 400KV switchyard ABB
  - 220KV switchyard ABB
  - Four units water distillation 45 million gallons**Job title** : Senior Shift Charge Engineer
- Dates** : From Oct. 2008 till May 2010  
**Employer** : Middle Delta Electricity Production Company (MDEPC)  
**Project** : Nubaria Power Station 750MW (Module III):
  - Two GE CTG x 250MW type MS9001 (9FA)
  - Two horizontal STF HRSG
  - One ALSTOM STG 250MW (HP, IP, LP)
  - 500KV switchyard
  - Medium and low switchgears
  - Module auxiliaries**Job titles** :
  - Shift Charge Engineer (from May 2009 till May 2010)
  - GE Gas Turbines Operators Supervisor Engineer (from Jan. 2009 till May 2009)
  - GE Commissioning & Start-up Engineer (from Oct. 2008 to Jan. 2009)
- Dates** : From Aug. 2005 till Oct. 2008  
**Employer** : Middle Delta Electricity Production Company (MDEPC)  
**Project** : Nubaria Power Station 1500MW (Modules I & II):
  - Two SIEMENS CTG x 250MW type V94.3A
  - Two Horizontal ALSTOM HRSG
  - One MITSUBISHI STG 250MW (HP, IP, LP)
  - 220KV switchyard
  - 500KV switchyard
  - Four tie transformers 500/220KV
  - Six outgoing circuits 220KV
  - Two outgoing circuits 500KV
  - Medium and low switchgears
  - Modules Auxiliaries

- Job title** : SIEMENS Gas Turbines Operator Engineer
- Job Description** :
- Responsible for commissioning and start-up of Siemens CTG 250MW Type V94.3A and after that operation and maintenance (from Aug. 2005 till Jun. 2006).
  - Erection, Commissioning & Start-up Gas Turbine Engineer for Combustion Turbine Generator (Siemens 250MW).
  - HRSG Engineer (two horizontal Alstom HRSG).
  - Gas Turbine Operation Engineer (Siemens gas turbine (V94.3A)).
- Dates** : From Nov. 2004 till Jul. 2005
- Employer** : West Delta Electricity Production Company (WDEPC)
- Project** : Damanhour Combined Cycle Power Station (158MW):  
GE gas turbine (4x25MW) & 4 NEM Vertical HRSG and GE steam turbine (1x58MW)
- Job title** : Operation Engineer
- Job Description** :
- Responsible for operating GE gas turbine (4x25MW), 4 NEM Vertical HRSG and GE steam turbine (1x58MW).
  - Analyze Gas Turbine faults & upsets, investigate and recommend solutions.
  - Organize evaluation and testing of gas turbine component.
  - Follow the Dispatch Load Request.
  - Perform Periodical Test.
  - 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.
  - Perform necessary measures and checks out before equipments start-up.
  - Follow operation specifications.
  - Analyze equipment efficiency.
  - Application of validated procedures.
  - Analysis of all necessary information about local sites.
  - Operations of medium, low voltage switchgears and load centers.
  - Operation of high voltage circuits.
- Further experiences** :
- Team Leader of Steam blowout for two horizontal STF HRSGs.
  - Responsible for site acceptance tests (Cleaning, Commissioning and Function tests) for GE 9FA gas turbines and its associated auxiliaries.
  - Responsible for first fire and start-up of GE 9FA gas turbines and its associated auxiliaries (fuel gas and fuel oil supply systems, atomizing air system, denox water system, lube oil system, combined hydraulic and lift system, cooling water system, compressed air system, etc.).
  - Attending of SIEMENS gas turbine fuel gas tuning and first start of fuel oil.
  - Attending of SIEMENS gas turbines burners cleaning (chemical & thermal).
  - Attending of SIEMENS gas turbines Minor & Hot gas path inspections.

- Besides I do training courses for new Engineers and Technicians in Middle Delta Electricity Production Company.

**Field of experience :** Approving contracts, submittals, SITE ACCEPTANCE TESTS, commissioning and operation, maintenance for Gas Turbine & Steam Turbine, Steam Blow HRSG, commissioning and start-up for Combustion Turbine Generator (SIEMENS), under & above ground piping, pumps & valves (INITEC ENERGIA).