

Holds a B. Sc. in Mechanical Power Engineering and has about 10 years hands-on experience in operation, maintenance and construction.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 08/04/1979  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Tanta University, 2004

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel), Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : Basic Training on Maintenance of GE Gas Turbine Frame (9FA) in Belfort – France.
- : Basic Training on Maintenance of GE Gas Turbine Frame (9FA) in Nubaria – Egypt.
- : Basic Operation Training of Siemens Gas Turbine (V94.3a) in Nubaria – Egypt.
- : Operation and Maintenance of HRSG by Alstom in Nubaria – Egypt.
- : Operation and Maintenance of Gas Turbine in Damanhour – Egypt.
- : Operation and Maintenance of Combined Cycle in Damanhour – Egypt.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Jun. 2014 till now  
**Employer** : Saudi Electricity Company (KSA)  
**Job title** : Construction & Maintenance Engineer

**Job Description** : 

- Follow up all Construction Activities in new project in power plant according to Applicable Code for Turbine, Piping, Fire fighting & plumbing.
- Follow up all Maintenance Activities in power plant.

**Dates** : From Nov. 2012 till Mar. 2014

**Employer** : Kharafi National Egypt

**Project** : Kafr El-Bateh Power Station 500MW (4x125) (GE) Frame (PG 9171E) Gas Turbine (Damietta)

**Job title** : Mechanical Construction Engineer

**Job Description** : 

- Follow up all modification piping & mechanical for turbine in DLN Modification:
  - Combustion chamber inspection.
  - Erection.
  - Hydro test.
- I worked in all dry low NOX modification (DLN) in (GE.9E) with GE technical adviser.

**Dates** : From Oct. 2011 till Nov. 2012

**Employer** : Kharafi National Egypt

**Project** : New West Damietta Power Station 500MW (4x125) - GE Frame (PG 9171E) Gas Turbine

**Job title** : Mechanical Project Engineer (Construction Engineer)

**Job Description** : 

- Follow up all plant services activities all piping for turbine & fire fighting systems:
  - Prefabrication.
  - Erection.
  - Hydro test.
- Supervise the construction and installation of HVAC (central) including air cooled chillers (YORK), AHU, supply and return air ducts.
- Supervise the construction and installation of HVAC (Duct Split type).
- Supervise the construction and installation of fresh and exhaust air fans.
- Supervise the construction of pipelines that include welded, socket and flanged joints.
- Responsible for supervising and construction activities according to Applicable Code, Contract Specification and Engineering Concepts.
- Project Mechanical Supervisor Engineer.
- Follow up all gas turbine installation activities:
  - Drawing studying.
  - Lifting activities.
  - Work for all piping in turbine.
  - Work for fire fighting.
  - Alignment process.
  - Work for hydro test.
  - Auxiliary Equipment erection.
  - Stack, exhaust duct and air inlet erection.
  - Expansion joints erection.

**Dates** : From Dec. 2010 till Sep. 2011

**Employer** : Kharafi National Egypt

**Project** : El-Shabab Power Station 1000MW (8x125) - GE Frame (PG 9171E) Gas Turbine (Ismailia)

**Job title** : Mechanical Project Engineer (Construction Engineer)

**Job Description** :

- Follow up all plant services activities all piping for turbine & fire fighting systems:
  - Prefabrication.
  - Erection.
  - Hydro test.
- Responsible for supervising and construction activities according to applicable code, contract specification and engineering concepts.
- Project Mechanical Supervisor Engineer.
- Follow up all gas turbine installation activities:
  - Drawing studding.
  - Lifting activities.
  - Work for all piping in turbine.
  - Work for fire fighting.
  - Alignment process.
  - Work for hydro test.
  - Auxiliary equipment erection.
  - Stack, exhaust duct and air inlet erection.
  - Expansion joints erection.

**Dates** : From Jul. 2006 till Feb. 2010

**Employer** : East Delta Electricity Production Co. (EDEPC)

**Project** : Nubaria Power Station Module III:

- One Module consists of:
  - Two General Electric (GE) CTG 250MW Type FA9001
  - Two Horizontal STF HRSG
  - One ALSTOM STG 250MW (HP, IP, LP) Turbine
- 500KV Switchyard
- Medium and Low Voltage Switchgear

**Job title** : Maintenance Engineer

**Job Description** :

- Work for all activities in commissioning Gas turbine.
- Receive, inspect and storage the spare parts of GE gas turbine.
- Preventive maintenance working of GE gas turbine.
- Minor inspection working for GE gas turbine in El-Kureimat Power Station (2 units).
- Minor inspection working for GE gas turbine in Nubaria Power Station (2 units).
- Working for minor inspection Siemens gas turbine in Nubaria Power Station (4 units).
- Attending Hot Gas Path (HGP) for Siemens gas turbine.

**Dates** : From Mar. 2005 till Jul. 2006

**Project** : Nubaria Power Station Modules I & II:

- Two Modules consists of:
  - Two Siemens CTG 250MW Type V94.3a
  - Two Horizontal Alstom HRSG
  - One Mitsubishi STG 250MW (HP, IP, LP) Turbine
- 500KV Switchyard
- 220KV Switchyard

- Job title** : Medium and Low Voltage Switchgear  
Operation Engineer
- Job Description** :
- Attending to installing and construction steps to Siemens gas turbine.
  - Attending first fire to gas turbine with Siemens Operator Engineers.
  - Commissioning, start-up and operation for 4 combustion turbine generators (250MW SIEMENS V94-3A).
  - Standing up as Operator Shift Engineer during commissioning and generator protection tests.
  - Working as Gas Turbine Operator Shift Engineer during reliability period.
  - Attending Minor Inspection for Siemens Gas Turbine (4 units).
  - Attending Hot Gas Path (HGP) for Siemens Gas Turbine.
- Further experiences** : Good knowledge of safety rules during construction activities.