

Holds a B. Sc. in Electrical Power Engineering and has over 17 years hands-on experience, including 11 years working in commissioning, start-up and operation and 4 years as Training Instructor.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 20/02/1982  
Gender : Male  
Marital Status : Married  
Residence : El-Behira

## **EDUCATION**

: B. Sc. in Electrical Power Engineering, Suez Canal University, 2004

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: Work Permit Certification (RECIEVER), Jeddah Training Center - KSA.  
: Risk Assessment, Jeddah Training Center - KSA.  
: English Level A2 and above, Jeddah - KSA.  
: PMP (Project Management Professional), KSA.  
: Sologic Analysis, KSA.  
: Component & Operation of combined cycle, Middle Delta Electrical Production Company, Nubaria Power Station.  
: CS3000 fundamentals for operation of DCS, YOKOGAWA Company, Bahrain.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Jun. 2017 till Sep. 2018  
**Employer** : Saudi Electricity Company (SEC)  
**Project** : 10th Power Plant in Riyadh (3600MW), KSA  
**Job title** : Senior Operating Engineer

**Job Description** : 

- Leading a group of engineers and technicians.
- Having the complete responsibility and dealing with the dispatch center.
- Evaluating the technical performance for all the GE & NEM.

**Dates** : From Sep. 2013 till Jun. 2017

**Employer** : Saudi Electricity Company

**Job title** : Training Instructor

**Job Description** : 

- Leading a group of technicians.
- Teaching of steam turbines operation for Saudi technicians.
- Make about 11 training programs for new graduated technicians.
- Supply new graduated steam turbine operator technicians to generation sector.

**Dates** : From Feb. 2011 till Sep. 2013

**Employer** : Middle Delta Electricity Production Company (MDEPC)

**Project** : Nubaria Power Station Module III Combined Cycle (750MW):

One module has:

- Two GE gas turbines (250MW type 9FA).
- Two STF HRSGs.
- One Alstom steam turbine.
- 500KV switchyard.
- Medium and low switchgears.

**Job title** : Senior Operating Engineer

**Job Description** : 

- Leading a group of Engineers and Technicians.
- Having the complete responsibility and dealing with the dispatch center.
- Evaluating the technical performance for all the GE, ALSTOM & STF.

**Dates** : From Aug. 2009 till Feb. 2011

**Employer** : Middle Delta Electricity Production Company (MDEPC)

**Project** : Nubaria Power Station Module III Combined Cycle (750MW)

Module description:

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

**Job title** : STF HRSG Operator Engineer

**Job Description** : Commissioning, Start-up and Operation Engineer for (STF) HRSG & ALSTOM Steam Turbine:

- Attending installation and construction steps to HRSG & steam turbine.
- Chemical cleaning for two STF HRSG.
- Steam blowing for two STF HRSG & steam piping.
- Commissioning, start-up and operation for HRSG & steam turbine.
- Attending first rolling to steam turbine with ALSTOM operator engineers.
- Working as DCS Operator engineer during reliability period.
- Approving Designs, Submittals, Site Acceptance Tests & Commissioning.

- Pumps & Valves (Initec Energia).

**Dates** : From Dec. 2007 till Aug. 2009  
**Employer** : Middle Delta Electricity Production Company (MDEPC)  
**Project** : Nubaria Power Station Module I & II Combined Cycle (1500MW):  
 Two modules, each module has:

- Two Siemens gas turbines (250MW type V94.3A2).
- Two Horizontal Alstom HRSGs.
- One Mitsubishi steam turbine 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 Description** :

- MHI Steam Turbine Operator Engineer.
- Commissioning, Start-up & Operation Engineer for (STF) HRSG & ALSTOM Steam turbine:
  - Attending installation and construction steps to HRSG & steam turbine.
  - Chemical cleaning for two STF HRSGs.
  - Steam blowing for two STF HRSGs & steam piping.
  - Commissioning, start-up and operation for HRSG & steam turbine.
  - Attending first rolling to steam turbine with Alstom Operator Engineers.
  - Working as DCS Operator Engineer during reliability period.
  - Approving Designs & Submittals, Site Acceptance Tests, Commissioning.
  - Pumps & Valves (Initec Energia).

**Dates** : From Jun. 2005 till Oct. 2007  
**Employer** : Navy Force  
**Job title** : Electrical Engineer

**Further experiences** :

- Commissioning, Start-up & Operation Engineer for General Electric gas turbine (GE) (2x257MW):
  - Work as Operator Engineer during performance test of gas turbine.
  - Attending combustion inspection (CI), hot gas path inspection (HGP) and major inspection.
  - Work as Operator Engineer during combined cycle operation.
- Commissioning, start-up for related auxiliaries for Nubaria Module III:
  - Such as: circulating water system, closed cooling, service water system, condensate system, feed water pumps (high pressure, low pressure), tube cleaning system, debris filter, condenser vacuum pump, water box vacuum pump, lube oil system and hydraulic oil system.