

Holds a B. Sc. in Mechanical Power Engineering and has about 14 years hands-on experience working in operation, commissioning and performance of power stations and desalination plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 11/05/1979  
Gender : Male  
Marital Status : Married

## EDUCATION

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

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: MS Visio

## TRAINING COURSES AND CERTIFICATIONS

- : I attended all Jebel Ali Power and Desalination Station 'M' Training which has been organized by DOOSAN heavy Industries & Construction Company and FISIA Company (from Apr. 2010 till Sep. 2011).
- : On-job training courses for operation 250MW gas turbine (SIEMENS training).
- : Training courses for operation 250MW steam turbine, generator, and steam turbine control system in ALSTOM Training Center in Mannheim / Germany.
- : Training course for control systems for 250MW SIEMENS gas turbine power station.
- : Ovation operator course at New Talkha 750MW Combined Cycle Power Station.
- : Site operation training protection system and synchronization (ALSTOM training).
- : Training course for operation 210MW SKODA steam power station.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jan. 2017 till now  
**Employer** : Middle Delta Electricity Production Co.  
**Project** : Al Burullus Power Station (4800MW)  
**Job title** : Performance Specialist Engineer  
**Job Description** : Member of EEHC Performance Committee for New Capital, Beni Suef and Al Burullus Power Stations.

**Dates** : From Jul. 2013 till now  
**Employer** : Middle Delta Electricity Production Co.  
**Project** : New Talkha 750MW Combined Cycle Power Station  
(2x250MW (SIEMENS SGT5-4000F) GT, two HRSGs (CMI), 250MW (ALSTOM) ST)  
**Job title** : Operation Team Leader (in operation section head)

**Dates** : From Jun. 2012 till Jun. 2013  
**Employer** : Dubai Electricity and Water Authority (DEWA)  
**Project** : "M" Station  
Jebel Ali Combined Power Plant and Desalination 'M-Station' has the capacity of:

- 2000MW total gross power output & 140 MIGD water production.
- GT (SIEMENS SGT5-4000F) 6x234.10MW with evaporative cooler.
- STG (ALSTOM HDC200/2AS-NE33AU) 2x217.83MW, with adaptive stage.
- HRSG (DOOSAN): 6 Nos. HP steam flow: 427.0 T/Hr each @ 556.8 °C & 105 bar, LP steam: 36.2 T/Hr each @ 166.1°C & 3.4 bar, with supplementary NG firing.
- MSF (FISIA) desalination units: 8 x 17.5 MIGD, @ sea water temperature 30 °C and 105 °C TBT.
- Aux. Boiler (STF): 2 Nos. Steam flow 370 T/Hr. @ 19 bar & 235 °C.

**Job title** : Shift Supervisor

**Dates** : From Jun. 2010 till Jun. 2012  
**Employer** : Dubai Electricity and Water Authority (DEWA)  
**Project** : "M" Station  
**Job title** : Senior Power Plant Operator

**Dates** : From Sep. 2009 till Jun. 2010  
**Employer** : Dubai Electricity and Water Authority (DEWA)  
**Project** : "L" Station phase 2  
Jebel Ali Combined Power Plant and Desalination 'L-Station phase 2':

- GT (SIEMENS SGT5-4000F) 4x234.10MW with evaporative cooler.
- STG (ALSTOM HDC200/2AS-NE33AU) 2x217.83MW, with adaptive stage.
- HRSG (NEM): 4 Nos. HP steam flow 425 T/Hr. @ 563°C, 104 bar, with supplementary NG firing.

- MSF (FISIA) desalination units: 4 x 13.5 MIGD, @ sea water temperature 30 °C and 105 °C TBT.
- Aux. Boiler (NEM): Steam flow 436 T/Hr @ 104 bar & 564 °C.

**Job title** : Senior Power Plant Operator

**Dates** : From Apr. 2009 till Sep. 2009

**Employer** : Dubai Electricity and Water Authority (DEWA)

**Project** : "K" Station

**Job title** : Senior Power Plant Operator

**Job Description** : Training and operate MSF units and sea water pump station.

**Dates** : From Dec. 2003 till Apr. 2009

**Employer** : Middle Delta Electricity Production Co.

**Project** : New Talkha 750MW Combined Cycle Power Station

**Job title** : Shift Charge Engineer

**Job Description** :

- 2x250MW (SIEMENS SGT5-4000F) GT, two HRSG (CMI), 250MW (ALSTOM) ST (from Dec. 2007 till Apr. 2009).
- 250MW gas turbine (SIEMENS SGT5-4000F) Senior Operator in New Talkha 750MW Combined Cycle Power Station (from Dec. 2005 till Dec. 2007).
- Boiler DCS Operator in 2x210MW SKODA Steam Power Station in Talkha (from Dec. 2003 till Dec. 2005).