

Holds a B. Sc. in Mechanical Power Engineering and has over 16 years hands-on experience in operation, maintenance, commissioning and start-up at several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/08/1981
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: B. Sc. in Mechanical Power Engineering, El-Minia University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Training course from Abu Qir Training Center in Operation of Combined Cycle power station (Gas Turbine and Steam Turbines).
- : Training course from Abu Qir Training Center in Power Plant Start-up and Commissioning.
- : Training course from Abu Qir Training Center in Abnormal operation and generic malfunction of power stations.
- : Training course from Abu Qir Training Center in Boiler maintenance.
- : Training course from Abu Qir Training Center in steam power station's auxiliaries maintenance (pumps, valves and compressors).
- : Training course from Abu Qir Training Center in Pumps maintenance.
- : Training course from ABB in Harmony Architecture Harmony H/W and S/W configuration module configuration with Function Code and Composer PGP 3.X operator workplace introduction and operation.
- : Training course from Abu Qir Training Center in Diesel power station (operation and maintenance).
- : Training course from Abu Qir Training Center in High voltage Grid maneuvering.

: ICDL certificate.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2018 till now
Employer : West Delta Company for Electricity Production
Project : Damanhur 300MW Power Station

- 1x300MW Steam turbine (ANSALDO).
- Traditional boiler (167 bar – 1000 ton\hr).
- Plant auxiliaries and piping.

Job title : Boiler Maintenance Engineer

Dates : From Jun. 2017 till Nov. 2018
Employer : [EGYPTROL](#), AC Boilers Subcontractor
Project : AL-SHABAB Power Station:

- 8x125MW GT (GE Frame 9E).
- 2x250MW Steam turbine (ANSALDO).
- 8 Heat recovery steam generators.
- Plant auxiliaries and piping.

Job title : Commissioning & Start-up Engineer
Job Description :

- Boiler commissioning.
- Chemical cleaning.
- Pre passivation.
- Final passivation.
- Steam blow.
- SWS commissioning.
- ACC Hot cleaning.
- By pass operation.
- Normal operation.

Dates : From Dec. 2014 till Jun. 2017
Employer : TAQA Power (subsidiary of TAQA ARABIA)
Project : E-styrenics Petrochemical Factory, Alexandria:

- 21MW Power Station consists of 5 gas engines (MWM – Deutz) 4.3MW each and medium voltage switchgear.
- Plant auxiliaries and piping.

Job title : Senior Mechanical Engineer

Dates : From Jun. 2014 till Nov. 2014
Employer : [EGYPTROL](#), AC Boilers Subcontractor
Project : Banha 750MW Combined Cycle Power Station:

- 2x250MW Gas turbines (GE frame 9 FA).
- 1x250MW Steam turbine (ANSALDO).
- 2 Heat recovery steam generators.
- Plant auxiliaries and piping.

Job title : Commissioning & Start-up Engineer

Dates : From Jul. 2013 till Jun. 2014
Employer : West Delta Company for Electricity Production
Project : Damanhour Power Plant:

- 4x25MW Gas turbines (GE frame 5).
- 4 Heat Recovery Steam Generators (HRSG).
- 55MW steam turbine.
- Plant auxiliaries and piping.

Job titles : Shift Operation Engineer & Boiler Maintenance Engineer

Dates : From Jul. 2012 till Jul. 2013
Employer : TAQA Power (subsidiary of TAQA ARABIA)
Project : E-styrenics Petrochemical Factory, Alexandria
Job title : Commissioning & Start-up Engineer

Dates : From Dec. 2011 till Jul. 2012
Employer : [EGYPTROL](#), Ansaldo Energia Subcontractor
Project : 6th October 600MW Simple Cycle Power Station:

- 4x150MW Gas turbines (Ansaldo model: AE94.2).
- 2x2.8 Diesel engines for black start.
- Distillate Fuel treatment system (filters and centrifugal purification).
- Water treatment system for closed cooling make up.

Job title : Commissioning & Start-up Engineer

Dates : From Jun. 2006 till Dec. 2011
Employer : West Delta Company for Electricity Production
Project : Damanhour Power Plant:

- 4x25MW Gas turbines (GE frame 5).
- 4 Heat Recovery Steam Generators (HRSG).
- 55MW steam turbine.
- Plant auxiliaries and piping.

Job titles : Shift Operation Engineer & Boiler Maintenance Engineer