

Holds a B. Sc. in Electrical Power Engineering and has over 11 years hands-on experience in operation, commissioning, start-up and I&C at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/10/1987
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Power Engineering, Ain Shams University, 2009

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: Matlab

TRAINING COURSES AND CERTIFICATIONS

- : Summer trainings at:
- Shoubra El-Kheima Power Plant (4 ST x 320MW) (Jul./Aug. 2006).
 - ABB Company (Aug. 2007).
 - Cairo North Power Plant phase 1 (combined cycle), CEPC, 2 GT x 250MW – Mitsubishi, 2 HRSG NEM and 1 ST x 250MW (HITACHI) (Jul. 2008).
 - Cairo North Power Plant phase 2 (CEPC), 2 GT x 250MW GE Frame 9FA Speed Tronic Mark VI, 2 HRSG NEM and 1 ST x 250MW (ALSTOM) Speed Tronic Mark Vie (Aug. 2008).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2014 till now
Project : Cairo North Power Plant phase one (Combined Cycle) (CEPC)
(2 GT x 250MW - Mitsubishi, 2 HRSG NEM Foxboro control system and 1 ST x 250MW (HITACHI) Mark 6 control system)

Cairo North Power Plant phase two
(2 GT x 250MW General Electric Frame 9FA Mark 6 control, 2 HRSG NEM DCS Mark VI-E control system and 1 ST x 250MW (ALSTOM) controcad control system)

Job title : I&C Engineer

Job Description : Responsible for HRSG and steam turbines at two phases.

Dates : From Feb. 2013 till Oct. 2014

Project : Abu Sultan Power Plant in Ismailia (4 Steam Turbines x 150MW)
(General Electric, DCS control, Foster Wheeler Energy Boiler and it's auxiliaries containing switchgear & transformers)

Job title : Operation Engineer

Dates : From Oct. 2012 till Dec. 2012

Project : Riyadh Power Plant No. 10 in KSA
(8 GT x 55MW General Electric Frame 7EA, Speed Tronic Mark 6E, DCS Mark VIe and it's auxiliaries containing switchgear & transformers Hyundai)

Job title : Warranty Engineer

Dates : From Feb. 2012 till Oct. 2012

Project : Riyadh Power Plant No. 10 in KSA
(8 GT x 55MW General Electric Frame 7EA, Speed Tronic Mark 6E, DCS Mark VIe and it's auxiliaries containing switchgear & transformers Hyundai)

Job title : Operation Engineer

Job Description :

- Responsible for running units during reliability test.
- Attend start-up and commissioning test.

Dates : From Nov. 2011 till Feb. 2012

Project : Abo Rawash Power Plant (4x150MW): Ansaldo gas turbine, Speed Tronic ABB and it's auxiliaries containing switchgear & transformers

Job title : Operation & Commissioning Engineer

Dates : From Apr. 2010 till Oct. 2011

Employer : MT Enterprises (Bemco subcontractor)

Project : RPP10 (Riyadh Power Plant #10) – KSA:
32 Gas Turbines x 55MW GE Frame 7EA, Mark VIe Speed Tronic controlled through DCS Mark VIe and its auxiliaries containing switchgear, transformers Hyundai & BOP.

Job title : Operation Engineer

Job Description :

- Responsible for Gas Turbines during reliability test.
- Attend start-up & commissioning tests.

Dates : From Mar. 2010 till Apr. 2010

Employer : TCM Company for Gas turbine General Electric Frame (MS 9001 FA) Speed Tronic Mark 6 and it's Auxiliaries containing switchgear

Job title : Operation Engineer

- Dates** : From Oct. 2009 till Mar. 2010
- Project** : Cairo North Power Plant phase two
(2 GT x 250MW General Electric Frame (MS 9001 FA) Speed Tronic MKVI,
2 HRSG NEM and 1 ST x 250MW (ALSTOM) Mark6E control, DCS Mark
6E)
- Job title** : Operation Engineer
- Field of experience** :
- Investigation of problems through MARK VI, MARK VI-E, FOXBORO and Controcad systems.
 - Check and calibration pneumatic control valves.
 - Adjust limit switches for motorize valves (Drehmo & Auma).
 - Calibrating electronic transmitters (pressure, flow, level) of:
 - Honeywell ST3000 using SFC.
 - Rosemount transmitters using fieldbus Hart 375 field communicator.
 - Periodic maintenance & inspection for all I&C equipments for HRSG, Steam turbines and its auxiliaries.
 - Attend over all major Inspection for Alstom Steam Turbine responsible for I&C work.
 - Attend over all major inspection for Hitachi Steam Turbine responsible for I&C work.
 - Good knowledge for operation sequence and start-up for HRSG & Steam Turbines in Cairo North Power Plant at two phases.
 - Monitor gas turbine condition during normal operation through DCS system.
 - Following proceeding for system start-up and shut down.
 - Following proceeding for gas turbine unit load increasing and decreasing.
 - Following proceeding for turbine cold and hot start-up.
 - Monitor gas turbine condition during normal operation through MARK VI-E system.
 - Lock-out & Tag-out.