

Holds B. Sc., M. Sc. and PhD in Mechanical Engineering and has over 13 years hands-on experience in Steam & Combined Cycle Power Plants Operation, Maintenance & Installation as well as Commissioning and Start-up Engineer for Steam & Gas Turbine and Commissioning Testing Engineer for Turbo Generator.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 26/09/1982
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

- : B. Sc. in Mechanical Engineering, Menoufia University, 2004
- : M. Sc. in Institute of Environmental Studies & Research, Ain Shams University, 2010
- : PhD in Institute of Environmental Studies & Research, Ain Shams University, 2017

LANGUAGES

Arabic : Native Language
English : Fluent
French : Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Shoubra El-Kheima Power Plant Training Center:
 - Basics and site specifics training courses, constituting a program of concentrated study of power plant equipment and systems theory and application.
 - Cold and hot operation of steam generating unit.
 - Lessons learned form units shut-down cases.
 - Operation in the darkness case.
 - International organization for standardization ISO 9001/2008 course.
 - Quality Audit course from Arab Company for Management Systems

- Development – Kaizen Egypt.
- 8QMS for ISO 9001/2008 course.
- : L University, knowledge is power in Siemens (a course in SPPA-T3000 special (DCS) system).
- : Operation training course in Italy (STF Company).
- : English Toefl course: score 553.
- : Seismic course.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2012 till now
- Employer** : Cairo Electricity Production Company (CEPC)
- Project** : Shoubra El-Kheima Steam Power Station 4x315MW
- Job title** : Shift Engineer
- Job Description** : Control of all the unit components including the Boiler, Steam Turbine, Generator and all related auxiliaries from Control Room Desk.
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- Dates** : From Jul. 2009 till Sep. 2012
- Employer** : TOYOTA TSUSHO CORPORATION
- Project** : SIDI KRIR POWER PLANT 750MW COMBINED CYCLE PROJECT
One module consists of:
- Two Mitsubishi CTG 250MW type M701F.
 - Two NEM (HRSG).
 - One ANSALDO STG 250MW.
- Job title** : Procurement Officer
- Job Description** :
- Assist in Commissioning & Testing Engineer for Turbo Generator:
 - The main work description of Commissioning Engineer for Generator.
 - Summary of the Generator testing.
 - Site test procedure.
 - Our working condition.
 - Responsible for sit acceptance tests, Commissioning and Start-up for:
 - Pump House (Circulation & Service & Fire pump & pack washing & Raw pump).
 - Closed Cooling & High Low Feed Water Pump.
 - Fire Fighting System installation & commissioning & test and start-up.
 - To be present Equipment Adaptation Systems from (center air condition and ventilation).
 - Plant different Pumps required for cooling either closed or open loops.
 - Fuel oil forwarding and unloading pumps along with related pipes.
 - Fuel gas piping. Air filtration (air intake) system of Gas Turbines.
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- Dates** : From Apr. 2007 till Jul. 2009
- Employer** : Siemens
- Project** : Shoubra El-Kheima Steam Power Station 4x315MW

Job title : Commissioning Engineer
Job Description : Commissioning and starting up of unit 2, 3 & 4 after installation of new Siemens DCS (Unit 2, 3 & 4), by Siemens.

Dates : From Nov. 2006 till Mar. 2007
Employer : Cairo Electricity Production Company (CEPC)
Project : Shoubra El-Kheima Steam Power Station 4x315MW
Job title : Control Room Operator
Job Description : Control of all the unit components including the Boiler, Steam Turbine, Generator and all related auxiliaries from Control Room Desk.

Dates : From Feb. 2005 till Nov. 2006
Employer : Cairo Electricity Production Company (CEPC)
Project : Shoubra El-Kheima Steam Power Station 4x315MW
Job title : Unit Local Operator
Job Description : Field monitoring and local control of field equipment related to Boiler, Steam Turbine, Generator and other auxiliaries.

Field of experience :

- Experience in rotating equipment operations & maintenance including pumps, compressors, steam turbines and gas turbine.
- Monitoring and trouble shooting of power plant rotating equipment.
- Commissioning, start-up and operation for steam turbine.
- Operation and maintenance of hydraulic pumps, compressors, valves and Designer of special hydraulic movement systems.
- Experience in Fire fighting system and Equipment Adaptation Systems.