

Holds a B. Sc. in Control Engineering and has over 13 years of experience in Steam & Combined Cycle Power Plants working as Operation, Maintenance, Installation, Commissioning and Start-up Engineer for Steam & Gas Turbine and as Commissioning Testing Engineer for Turbo Generator.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 18/04/1978  
Gender : Male  
Marital Status : Married  
Residence : Menoufia

## EDUCATION

: B. Sc. in Control Engineering, Menoufia University, 2002

## LANGUAGES

Arabic : Native Language  
English : Fluent  
French : Good

## COMPUTER SKILLS

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

## TRAINING COURSES AND CERTIFICATIONS

- : At Shoubra El-Kheima Power Plant Training Center:
  - Basics and site specific 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 from 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).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Sep. 2014 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 form Control Room Desk.

**Dates** : From Apr. 2014 till Sep. 2014  
**Employer** : [EGYPTROL](#), SAMSUNG C&T Subcontractor  
**Project** : QURAYYAH IPP 6x700MW  
**Job title** : Shift Charge Engineer  
**Job Description** : The Qurayyah IPP project is approximately 100 km south of the Port of Dammam on the coast in the Eastern Province of the Kingdom of Saudi Arabia. The facility is a 2 on 1 combined cycle configuration consisting of twelve (12) Siemens SGT6-PAC5000F gas turbine generating units (GTGs), twelve (12) heat recovery steam generators (HRSGs), six (6) Siemens SST6-PAC5000F steam turbine generators (STGs), and six (6) seawater cooled condensers. This document provides an overall description of the QIPP Control Philosophy for start-up, shutdown, and load control operation of the plant.

**Dates** : From Sep. 2012 till Apr. 2014  
**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 form Control Room Desk.

**Dates** : From Jul. 2009 till Sep. 2012  
**Employer** : TOYOTA TSUSHO CORPORATION  
**Project** : EL-ATF POWER PLANT 750MW COMBINED CYCLE  
One module consists of:

- Two Mitsubishi CTG 250MW type M701F
- Two NEM (HRSG)
- One ANSALDO STG 250MW

**Job title** : Shift Engineer  
**Job Description** :

- Assist in Commissioning & Testing 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 site acceptance tests, commissioning and start-up for:
  - Pump House (Circulation & Service & Fire pump & pack washing & and Raw pump) Service & Fire pump & pack washing.
  - 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.

**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 form Control Room Desk.

**Dates** : From Jan. 2004 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 troubleshooting 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.