

Holds a B. Sc. in Mechanical Power Engineering and has about 8 years hands-on experience in the field of power and substation operation, maintenance, commissioning and start-up that includes inside plant engineering, outside plant equipment engineering, installation and construction, site supervision and consultancy, also troubleshooting skills.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 31/12/1977  
Marital Status : Married

## EDUCATION

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

## LANGUAGES

Arabic : Native Language  
English : Excellent

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : On-shore training of steam turbines operation and maintenance at NAGAZAKY & Kobe, Japan.
- : At Nubaria, Egypt:
  - Basic Operation Training on Steam Turbine 250MW by Mitsubishi Heavy Industries Company.
  - Operation on-shore training of Alspa p320 distributed control system by ALSTOM Company.
  - Basic operation on gas turbine by Siemens Company.
- : Basic Operation and Maintenance on combined cycle by West Delta Electricity Production Company, Damanhour, Egypt.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2011 till now  
**Project** : Abu Qir Thermal Power Plant (2x650MW), Oil/Gas fired units  
**Job title** : Lead Mechanical Commissioning Engineer

**Dates** : From Jan. 2010 till 2011  
**Employer** : INITEC ENERGIA  
**Project** : Cairo West Thermal Power Station (2x350MW, Gas/Oil fired units)  
**Job title** : Lead Mechanical Commissioning & Start-up Engineer  
**Job Description** : Well conversant with the flushing, blowing, chemical cleaning and commissioning of the condensate, feed water systems, feed water heaters, pump house, circulating water pumps, closed cooling pumps, service water pumps, demine water system, air compressors, feed water pumps, booster pumps, extraction steam, auxiliary steam, vacuum pumps, sump pumps, fuel oil pumps, fire fighting system, steam bellows, turbine testing.

**Dates** : From Mar. 2009 till May 2009  
**Employer** : Kharafi – Kuwait  
**Project** : Doha East Power Station – Kuwait  
**Job title** : Mechanical Site Engineer  
**Job Description** : Responsible for shut down period maintenance for 7 units Hitachi steam turbine auxiliaries (valves, pumps, fans, condenser), partial and full maintenance.

**Dates** : From Nov. 2004 till Dec. 2009  
**Employer** : West Delta Electricity Production Co.  
**Project** : Nubaria Combined Cycle Power Plant 1500MW:

- Two modules each module consists of:
  - Two Siemens CTG 250MW type V94.3A.
  - Two Horizontal Alstom HRSG.
  - One Mitsubishi STG 250MW (HP, IP, LP).
- 220KV switchyard.
- 500KV switchyard.
- Four tie transformers 500/220KV.
- Medium and low voltage switchgears.

**Job title** : Mechanical Commissioning, Start-up & Operation Engineer  
**Job Description** :

- Responsible for the operation and maintenance of two modules, each module contains:
  - 2 Siemens CTG 250MW type V94.3A.
  - 2 Horizontal Alstom HRSGs.
  - 1 Mitsubishi STG 250MW (HP, IP, LP).
- Responsible for commissioning and start-up of:
  - 4 Siemens gas turbines (250MW).
  - 4 Horizontal HRSGs.
  - 2 MITSUBISHI steam turbines (250MW).

**Dates** : From Oct. 2003 till Oct. 2004  
**Employer** : Kahromika  
**Project** : Nubaria I & II Power Station  
**Job title** : Construction Engineer  
**Job Description** : Responsible for Hydro test, commissioning and start-up.

- Field of experience** :
- Operation, commissioning and start-up for Gas Turbines and Steam Turbines.
  - Commissioning, start-up and steam blowing for HRSG Boilers.
  - Flushing, chemical cleaning and blowing for condensate and feed water system.
  - Purging for H<sub>2</sub>, CO<sub>2</sub> lines and start-up H<sub>2</sub> plant.
  - Well aware of the scheduling, cost estimate and man power allocation for power plant projects (construction, commissioning, start-up, maintenance).