

Holds a B. Sc. in Mechanical Production & Industrial Engineering and has over 8 years experience working in operation, maintenance and commissioning of Gas Turbines, Steam Turbines and HRSGs.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 23/11/1974  
Marital Status : Married

## EDUCATION

: B. Sc. in Mechanical Production & Industrial Engineering, Zagazig University, 2001

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Basic Operation Training on Siemens CTG V94.3A by Siemens in Damanhour.
- : Operation Training on Combined Cycle Power Station in Damanhour.
- : Basic Operation and Maintenance training on Steam Turbine 250MW by Mitsubishi Heavy Industries Company, Nagasaki – Japan.
- : Basic Operation and Maintenance training on Generator 250MW by Mitsubishi Corporation Energy Systems Company, Kobe – Japan.
- : Operating on-shore training of Alspa P320 Distributed Control System by Alstom Company in Nubaria.
- : Basic Maintenance training on steam turbine 250MW by Mitsubishi Heavy Industries Company in Nubaria.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2011 till now  
**Employer** : EGYPTROL – seconded to TOSHIBA  
**Project** : Sidi Krir Power Station (750MW Combined Cycle), CP-118  
**Job title** : Operation Engineer

**Dates** : From Nov. 2010 till Sep. 2011  
**Employer** : Mitsubishi Heavy Industries  
**Project** : Cairo West Thermal Power Station 2x350MW  
**Job title** : Commissioning & Start-up Engineer

**Dates** : From May 2009 till Oct. 2010  
**Employer** : MEGA (subcontractor for main contractor TOSHIBA)  
**Project** : Sidi Krir Power Station (750MW Combined Cycle), CP-118  
**Job title** : Mechanical Construction & Commissioning Engineer  
**Job Description** :

- Chemical Cleaning for condensate & feed water system.
- Steam blow out for Main Steam, Cold Reheat, Hot Reheat, HP & IP by pass lines).
- Closed cooling system.
- Service water system.
- Circulating water system.
- Condensate water system.
- Feed water system (HP-IP-LP).
- Demi-water storage & transfer system.
- Instrument & service air system.
- Potable water system.
- Fire fighting system.
- Trash Rack system.
- Service gases system.

**Dates** : From Jun. 2008 till Apr. 2009  
**Project** : Sidi Krir Power Station  
(2x320MW steam turbine + New Module 750MW Combined Cycle)  
**Job title** : Steam Turbine Maintenance Engineer

**Dates** : From Dec. 2004 till May 2008  
**Project** : Nubaria Combined Cycle (2x750MW) Power Station:

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

**Job title** : Operation Engineer  
**Job Description** : Commissioning, start-up & operation.

**Dates** : From Nov. 2003 till Dec. 2004  
**Project** : Damanhour Combined Cycle 158MW Power Station  
**Job title** : Operation Engineer

- Job Description** : Responsible for operation of:
- 4 Hitachi Gas Turbines (25MW).
  - 4 Vertical HRSGs.
  - 1 GE steam turbine (58MW).
- Field of experience** :
- Operation and Maintenance for Gas Turbine & Steam Turbine.
  - Construction, commissioning and start-up for Steam Turbine Generator (Mitsubishi) & Horizontal Alstom HRSG.
  - Maintenance for Pumps (centrifugal, single & multistage, mixed flow multistage, axial flow multistage).
  - Valves (control, pneumatic, hydraulic, manual).
  - Sealing (mechanical sealing-packing).
  - Piping system.