

Holds a B. Sc. in Communication Engineering and has about 13 years hands-on experience working in construction, maintenance, operation, commissioning and start-up at Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 07/10/1980  
Gender : Male  
Marital Status : Married  
Residence : Menoufia

## EDUCATION

: B. Sc. in Communication Engineering, Menoufia University, 2004

## LANGUAGES

Arabic : Native Language  
English : Excellent

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Basic Training on Maintenance of GE Gas Turbine Frame (9FA), Belfort – France.
- : Basic Training on Maintenance of STF HRSG, Nubaria – Egypt.
- : Operation and Maintenance of PACIS System, Nubaria – Egypt.
- : Operation and Maintenance of Gas Turbine, Abu Qir Power Station – Egypt.
- : Basic Operation Training of GE Gas Turbine Frame (9FA), Nubaria – Egypt.
- : Alspa p320 Distributed control systems operator training by Alstom Co., Nubaria – Egypt.
- : Training course for operation and maintenance of Steam turbine and Generator by Mitsubishi Co., Nubaria – Egypt.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jan. 2012 till now  
**Project** : Nubaria Power Station (Module III):

- One Module consists of:
    - Two General Electric (GE) CTG 250MW type FA9001
    - Two Horizontal STF HRSG
    - One ALSTOM STG 250MW (HP, IP, LP) turbine
    - One DCS Yokogawa (CENTUM CS 3000)
  - 500KV Switchyard
  - Medium and Low Voltage Switchgear
- Job title** : Maintenance Engineer
- Job Description** :
  - Attend the GE gas turbine upgrade (DLN2.6+ Conversion, 32K Advance Extenders and AGP Parts, Repair for two (2) 9FA Turbines).
  - Attend the GE gas turbine control migration MARK VIe.
  - Attend the GE gas turbine tuning and gas control valves calibration.
  - I&C Maintenance Engineer on GE Gas Turbines 250MW.
  - Troubleshooting of GE turbines alarms and failures.
  - Performing the required maintenance programs of GE turbines daily, weekly, monthly, semi-annually and annually Maintenance.
  - Troubleshooting of GE turbines alarms and failures.
  - Responsible of warranty claims between the owner and GE party.
  - Responsible of spare parts between the owner and GE party.
  - Making the combustion inspection (CI) for two GE gas turbines GE 9FA four times and major inspection for two GE gas turbines GE 9FA one time.
- Dates** : From Jan. 2015 till Apr. 2015
- Employer** : [EGYPTROL](http://www.egyptrol.com), Hanwha Engineering & Construction Subcontractor
- Project** : Yanbu Power Station
- Job title** : O&M Manual Preparing Engineer
- Job Description** : Prepare O&M manual for DCS part including:
  - Common Index.
  - DCS.
  - ESS.
  - CEMS & FS.
  - BMS.
  - VMS.
  - CCTV.
  - PLC.
  - Field Mounted Instruments.
- Dates** : From May 2011 till Jan. 2012
- Employer** : Kharafi National Egypt
- Projects** : AL-SHABAB & DAMIETTA SIMPLE CYCLE GAS TURBINE (1000MW) (FRAME 9E (GE) CTG 125MW (8 UNITS))
- Job title** : Construction Engineer
- Dates** : From Sep. 2007 till May 2011
- Project** : Nubaria Power Station (Module III)
- Job title** : Construction & Maintenance Engineer
- Job Description** :
  - Supervision to Installing and Construction Steps to Gas Turbine.
  - Attending First Fire of Gas Turbine with GE Operator Engineers.

- Commissioning, start-up and operation for 2 combustion turbine generator (250MW GE 9FA).
- Standing up as I&C Maintenance Engineer during Commissioning and Generator Protection Tests.
- Follow up all Site Construction Activities.
- Minor Inspection Working for GE Gas Turbine in Nubaria Power Station.

**Dates** : From May 2005 till Sep. 2007

**Project** : Nubaria Power Station (Modules I & II)

- Two Modules consists of:
  - Two Siemens CTG 250MW Type V94.3a
  - Two Horizontal ALSTOM HRSG
  - One Mitsubishi STG 250MW (HP, IP, LP) Turbine
  - One DCS ALSTOM (ALSPA P320)
- 500KV Switchyard
- 220KV Switchyard
- Medium and Low Voltage Switchgear

**Job title** : Operation Engineer

**Job Description** :

- Supervision to Installing and Construction Steps to Gas Turbine.
- Attending First Fire of Gas Turbine with Siemens Operator Engineers.
- Commissioning, start-up and operation for 4 combustion turbine generators (250MW Siemens v94-3a).
- Standing up as Operator Engineer during Commissioning and Generator Protection Tests.
- Working as Steam Turbine Operator Engineer during Reliability Period.