

Holds a B. Sc. in Mechanical Power Engineering and has about 8 years hands-on experience, mainly in operation, commissioning and start-up, but also in construction, maintenance and quality control.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 20/10/1979  
Gender : Male  
Marital Status : Married  
Residence : Menoufia

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Menoufia University, 2002

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office (Word), Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Levels PT / MT / RT (Welding Inspection Tests).
- : On-shore training of combined cycle (Gas turbine, HRSG and steam turbine) operation and start-up, Abu Qir.
- : On-shore training of gas turbine Siemens v94.3A, each one produces 250MW, Nubaria.
- : Off-shore training of heat recovery steam generation (HRSG) operation and maintenance by STF Company, ITALY.
- : On-shore training of steam turbine operation and maintenance by Mitsubishi Heavy Industries Company, Nubaria.
- : On-shore operation training of ALSTOM HRSG, Nubaria.
- : On-shore training of GE gas turbine (250MW) operation, Nubaria.
- : On-shore operation training of ALSTOM steam turbine, Nubaria.
- : On-shore training of high and medium voltage (500KV / 220KV / 6.3KV), Nubaria.
- : Operation on-shore training of Alspa p320 distributed control system (DCS) by ALSTOM Company, Nubaria.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Dec. 2009 till now  
**Project** : Nubaria Combined Cycle Power Station (2x750MW)  
**Job title** : Senior Shift Charge Engineer  
**Job Description** :

- Fire fighting construction in Nubaria Power Station, maintenance of all parts concerned fire fighting.
- Two modules, each module consists of:
  - Two No of SIEMENS Gas Turbines types V94.3A each 250MW site rating. Auxiliaries of the Gas Turbines (Fuel gas and Fuel oil supply systems, Lube oil system, Hydraulic system, Compressed air system, cooling system, Purge water system and NOx water system).
  - Two horizontal Alstom HRSG.
  - One Mitsubishi Steam Turbine 250MW (HP, IP, LP).
- 220KV switchyard ABB.
- 500KV switchyard JAPAN AG.
- Four Tie transformers 500/220KV ZTR.
- Medium and low voltage switchgear.
- CP-118 by INITEC COMPANY for Pump House (Circulation pump & Service pump & Fire pump & pack washing & Raw pump) and Closed Cooling & High Feed Water Pump, Low Feed Water Pump.
- Fuel oil forwarding and unloading pumps along with related pipes.
- Fuel gas piping. Air filtration (air intake) system of Gas Turbines.

**Dates** : From Feb. 2007 till Dec. 2009  
**Project** : Nubaria Combined Cycle Power Station (2x750MW) / Nubaria III  
**Job title** : Operation Engineer  
**Job Description** :

- Commissioning, start-up and operation for 4 combustion turbine generators (250MW SIEMENS V94-3A).
- Standing up as Operator Shift Engineer during commissioning and generator protection tests.
- Working as Mitsubishi steam turbine Operator Shift Engineer during reliability period.
- Working as Alstom HRSG Operator Shift Engineer.
- One module consists of:
  - Two GE gas turbines (250MW).
  - Mitsubishi steam turbine (250MW).
  - Two STF HRSG.

**Dates** : From Apr. 2005 till Feb. 2007  
**Job titles** :

- Operation, Maintenance and Quality Engineer for Nubaria Power Station (QC Engineer) – Welding Inspection.
- Quality Engineer for Cairo North Power Station (QC Engineer) – Welding Inspection.
- Quality Engineer for Talkha Power Station (QC Engineer) – Welding Inspection.

**Job Description** :

- Prepare Inspection Checklist for Mechanical Items.
- Prepare Dimensions Check Report for Machining Items.
- Prepare QC Plan.

- Prepare N.D.T. Map & Shooting List for Pressure Vessel & Piping.
- Prepare Manufacture Data Book for Pressure Vessel.
- Prepare Pre-Inspection Meeting before Fabrication.
- Prepare Final Documentation of Test Package for Piping & Tanks.
- Co-ordinate all QC activity.
- Reporting and Handling to the Client.
- Study Technical Specification and Code Requirement for new projects.
- Review Quality Plan during the construction.
- Assisted in the Document QA Manual and necessary Preparation Steps to obtain "A&PP" Stamp from the National Board of Boiler and Pressure Vessel Inspector.
- Review all Calibration for QC and Fabrication Tools.
- Review all Method Statement which prepared by Construction Eng.

- Field of experience :**
- Commissioning, start-up and operation for SIEMENS gas turbine.
  - Commissioning, steam blow out, start-up and operation for 4 Heat Recovery Steam Generation (ALSTOM 800 TON/HOUR, HORIZONTAL TYPE, NATURAL CIRCULATION & STF 10049-9-CP-105).
  - Commissioning, start-up and operation for steam turbine (MITSUBISHI & ALSTOM 250MW).
  - Commissioning, start-up and operation for GE Gas Turbine.
  - Having 4 hot gas path inspections maintenance & 4 minor inspections of gas turbine (Siemens V94.3A).
  - Operation, maintenance and qualification of low voltage transformers, distributers and transmission lines.