

Holds a B. Sc. in Mechanical Power Engineering and has over 9 years hands-on experience in operation, maintenance, commissioning and start-up of Combined Cycle Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/04/1975
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: B. Sc. in Mechanical Power Engineering, Tanta University, 2000

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Operation Training on Siemens CTG V94.3A by Siemens Co. in Luebbenau – Germany.
- : I&C Operator course by Siemens Co. in Erlangen – Germany.
- : Basic Operation training on Siemens CTG V94.3A by Siemens Co. in Damanhour.
- : Mechanical Maintenance training by Siemens Co. in Berlin – Germany.
- : Alspa p320 Distributed Control Systems Operator, on-shore training by Alstom Co. in Nubaria.
- : Training course for operation and maintenance of Mitsubishi turbine and Generator by Mitsubishi Co. in Nubaria.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2009 till now
Employer : [EGYPTROL](http://www.egyptrol.com), Seconded to MELCO

Project : El-Atf Combined Cycle Power Plant 750MW
Job title : Commissioning Engineer

Dates : From Jun. 2007 till Apr. 2009
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Combined Cycle (2x750MW) Power Station:

- Two modules each module consists of:
 - Two Siemens CTG 250MW type V94.3A.
 - Two horizontal Alstom HRSGs.
 - One Mitsubishi STG 250 MW (HP, IP, LP).
- 220KV switch yard, 500KV switch yard.
- Four tie transformers 500/220KV.
- Medium and Low Voltage switchgears.
- 8 outgoing circuits 220KV, 2 outgoing circuits 500KV.

Job title : Mechanical Maintenance Engineer
Job Description :

- Make minor inspection for Siemens CTG 250MW type V94.3:
 - Worked in chemical cleaning for burners, changing of ceramic tiles of Combustion chamber, visual inspection of turbine & compressor blades.
- Make hot gas path inspection for 3 units Siemens CTG 250MW, also now CTG other unit.
- Maintenance for steam turbine Mitsubishi STG 250MW.
- Make warranty major inspection for steam turbine with supervisor Mitsubishi Company.
- Make alignment for shafts for steam turbine between HP and LP and Generator.
- Check the axial & radial clearance for blades.
- Follow up the maintenance activities for the steam and gas turbine (2x750MW).
- Overhaul inspection pump house pumps and maintenance compressor and travel screen.

Dates : From Mar. 2005 till Jun. 2007
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Combined Cycle (2x750MW) Power Station
Job title :

- Senior Shift Engineer Operation by DCS (from Mar. 2005 till Feb. 2006)
- Installation, Commissioning & Start-up Engineer (from Feb. 2006 till Jun. 2007)

Job Description :

- Responsible for site acceptance tests, commissioning and start-up of:
 - 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.

Dates : From May 2004 till Mar. 2005
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Combined Cycle (2x750MW) Power Station

- Job title** : Site Engineer
- Job Description** : Supervise installation of:
- 4 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).
 - 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 Dec. 2001 till May 2004
- Employer** : West Delta Electricity Production Company (WDEPC)
- Project** : Damanhour Combined Cycle (156 MW)
- Job title** : Shift Engineer Operation by DCS Control
- Job Description** : Responsible for operating:
- 4 GE gas turbines (25MW).
 - 4 Vertical HRSG.
 - 1 GE steam turbine (60MW).
 - The MS-5001FA is a single-shaft gas turbine designed for operation as a simple cycle unit or combined steam and gas turbine cycle (STAG).
- Field of experience** :
- Experience in rotating equipment operations & maintenance, including pumps, compressors, steam turbines and gas turbine (250MW).
 - Monitoring and troubleshooting of power plant rotating equipment.
 - Operation & maintenance of Siemens GT 250MW.
 - Commissioning, start-up and operation for steam turbine (Mitsubishi 250MW).
 - Commissioning, steam blow out, start-up and operation for 4 Heat Recovery Steam Generation (ALSTOM).
 - Operation and maintenance of hydraulic pumps, compressors, valves and designer of special hydraulic movement systems.
 - Experience in Fire fighting system and Equipment Adaptation Systems.