

Holds a B. Sc. in Mechanical Power Engineering and has about 7 years hands-on experience in operation, maintenance, commissioning and start-up at Nubaria Power Station (1500MW).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/02/1980
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Mechanical Power Engineering, Menoufia University, 2007

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : On-shore Basic Operation Training for Gas Turbine GE V. 9FA (commissioning, start-up and first fire) in Nubaria Power Station.
- : On-shore Basic Operation Training for Gas Turbine GE V. 9FA in El-Kureimat Power Station.
- : On-shore training of gas turbine Siemens V94.3A each one produces 250MW, Nubaria.
- : On-shore training of steam turbine operation and maintenance by Mitsubishi Heavy Industries Company, Nubaria.
- : On-shore training of operation and maintenance ALSTOM HRSG, Nubaria.
- : Operation on-shore training of Alspa P320 distributed control system (DCS) by ALSTOM Company, Nubaria.
- : On-shore training of high and medium voltage (500KV / 220KV / 6.3KV), Nubaria.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2013 till now
- Employer** : Middle Delta Electricity Production Company (MDEPCo.)
- Project** : Nubaria Combined Cycle (3x750MW) Power Station:
- Two modules, each module consists of:
 - Two Siemens CTG 250MW type V94.3A
 - Two horizontal Alstom HRSGs
 - One Mitsubishi STG 250MW (HP, IP, LP)
 - 220KV switchyard, 500KV switchyard
 - Four tie transformers 500/220KV
 - Medium and Low Voltage switchgears
 - 8 outgoing circuits 220KV, 2 outgoing circuits 500KV
- Job title** : Assistant Shift 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.
 - Responsible for 4 heat recovery steam generator (HRSG).
 - Overhaul inspection pump house pumps and maintenance Compressor and travel screen.
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- Dates** : From May 2011 till Apr. 2013
- Employer** : Middle Delta Electricity Production Company (MDEPCo.)
- Project** : Nubaria Combined Cycle (3x750MW) Power Station
- Job title** : Operation Engineer by DCS control & Start-up Engineer
- Job Description** :
 - 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).
 - Fuel gas piping, air filtration (air intake) system of Gas Turbines.
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- Dates** : From Jul. 2009 till May 2011
- Employer** : Middle Delta Electricity Production Company (MDEPCo.)
- Project** : Nubaria Combined Cycle (3x750MW) Power Station
- Job title** : Operation Engineer by DCS control & Start-up Engineer
- Job Description** :
 - Commissioning and start-up for 4 horizontal HRSGs (ALSTOM) with one deaerator storage tank and three Drum (HP – IP – LP).
 - DCS Operator Engineer.
 - Steam Blow for HP Line, IP Line, LP Line.
 - Horizontal Pumps & Vertical Sump Pumps.
 - High pressure feed water pumps.
 - Low pressure feed water pumps.
 - Circulating pumps.
 - Condensate pumps.
 - Service water pumps.
 - Participate in chemical cleaning for HP Line, IP Line, LP Line &

- Condensate Lines systems.
- Fire fighting system.
- Electrical Emergency Diesel Engine.

- Dates** : From Sep. 2008 till Jul. 2009
- Employer** : Middle Delta Electricity Production Company (MDEPCo.)
- Project** : Nubaria Combined Cycle (3x750MW) Power Station
- Job title** : Commissioning, Start-up & Operation Engineer
- Job Description** : Responsible for operating of the two GE combustion gas turbines 250MW types 9FA.
- 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, 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.