

Holds a B. Sc. in Electrical Power Engineering and has over 6 years hands-on experience working as Assistant Shift Operation and Maintenance Engineer in power station and is qualified of heavy duty gas turbine, steam turbine, heat recovery steam generation, Generators, auxiliaries, transformers and switchgears.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/07/1985
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Power Engineering, Tanta University, 2007

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : On-shore training of steam turbine operation and maintenance by Mitsubishi Heavy Industries Company, Nubaria.
- : On-shore training of gas turbine Siemens v94.3A each one produces 250MW, Nubaria.
- : On-shore training of ALSTOM HRSG, Nubaria.
- : On-shore training of high and medium voltage (500KV/220KV/6.3KV), Nubaria.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2008 till now
Employer : Middle Delta Electricity Production Company
Project : Nubaria Combined Cycle Power Station (2x750MW):

- Two modules, each one containing of:
 - Two Siemens CTG 250MW type V94.3A

- Two horizontal Alstom HRSG (125 bar, 565 °C, 325 t/hr)
- One Mitsubishi STG 250MW type (TC2F-35.4) (HP, IP, LP) steam line (650t/hr)
- 220KV ABB switchyard
- 500KV Japan AG switchyard
- Four on load tap changer Tie transformers 500/220/11KV with rated 500MVA
- Medium and Low Voltage Switchgears
- 8 outgoing circuit 220KV
- 2 outgoing circuit 500KV

Job titles : Shift Engineer / Operation Engineer

Job Description :

- Responsible for the safe and proper operation of a power plant, switchyard and associated control structures.
- Using local automatic/manual modes of operation, starts, stops, synchronizes and regulates power and reactive loads on turbine-generators.
- Issue clearances and perform switching and clearing of generator, transmission lines and station service switchgear.
- Maintain power plant operating log and prepares power generation and transmission equipment operating reports.
- Prepare equipment malfunction reports, makes inspections and from observation, determines whether equipment is operating properly.
- Operate power plant auxiliary systems such as HVAC systems, lighting systems, telephone and radio communication systems, station battery, connect / disconnect the electrical circuit in switchyard, etc.

Dates : From Jan. 2008 till Sep. 2008

Employer : Arab Engineers for Engineering Services

Job title : Sales Engineer

Field of experience :

- Operation and maintenance for Gas Turbine & Steam Turbine, commissioning and start-up for Combustion Turbine Generator (SIEMENS).
- Commissioning, start-up and operation for steam turbine (Mitsubishi 250MW).
- Commissioning, steam blow out, start-up and operation for 4 Heat Recovery Steam Generation.
- Operation and maintenance for fire and fighting system.
- Four hot gas path inspections and four minor inspections and two major overhauling of Siemens gas turbine maintenance (v94.3A) and GE gas turbine frame 9FA.
- Ability of solving troubleshooting during the shift.