

Holds a B. Sc. in Mechanical Power Engineering and has about 7 years hands-on experience in operation of Talkha Steam Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/12/1979
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2001

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2004 till now
Employer : Middle Delta Electricity Production Company
Project : Talkha Steam Power Plant (2x210MW)
Job Description :

- Shift Engineer in high capacity water intake pump house:
 - High capacity mixed flow cooling pump (33,000 m³/h).
 - Fire fighting pumps (jockey pumps, centrifugal electrical pumps, diesel engine pump and axial flow pump).
- Operator of fire fighting:
 - Hallon and FM 200 gas system.
 - Pressurized water network.
 - Liquid fuel tanks fire fighting systems.
- Connecting and disconnecting of 220KV, 66KV, 6KV and 400V switchgears and transformers.
- Local Operator of steam turbine and its auxiliaries and machine hall:
 - High capacity feed pumps (electrical centrifugal 4,500hp).
 - Condensate pumps.
 - Sealing oil pumps (gear pumps).
 - Heat exchangers.

- Three phase A.C. generators (210MW hydrogen cooling).
- Lubrication oil pumps.
- Hydraulic valves of steam turbines and hydraulic circuits.
- Pneumatic valves and pneumatic circuits.
- Disk Operator of steam turbines and auxiliaries.
- Working as First Shift Engineer.
- Working with maintenance to solve the mechanical problems.
- Plant Shift Engineer:
 - Supervise, instruct and coordinate with the assigned crew to fulfill their job.
 - Monitor and optimize plant operation.
 - Assure satisfactory operation of the plant (boiler, turbine, and generator).
 - Maintain detailed operation logs for all operation activities.
 - Discover and maintain any unusual condition of any equipment operation.
 - Report the work orders of preventive and breakdown maintenance of any equipment.