101751-MEC-O-E-1998
Control Room Operator

Holds a B. Sc. in Mechanical Power Engineering and has over 15 years hands-on experience in fossil fuel Power Station (Steam Turbines 2x627MW) from testing through start-up and operation.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	25/05/1975
Gender	:	Male
Marital Status	:	Married
Residence	:	Currently KSA

EDUCATION

: B. Sc. in Mechanical Power Engineering, Zagazig University, 1998

LANGUAGES

Arabic	:	Native Language
English	:	Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Basics and site specifics training courses for power plants equipment and systems theory and applications, Shoubra El-Kheima Power Plant (six months).
: Westinghouse: on-site DCS course.
: Steam turbine design, Speedtronic Mark V, Generator Excitation, steam turbine operation and Mechanical Turbine Drive, GE General Electric Co. (U.S.A.), 10 weeks (from Sep. till Nov. 1999).
: I.D.P. (Ingersol-Dresser pumps) on-shore Technical Training on centrifugal pumps, includes installation, operation and maintenance.
: On-site training on operation of two caterpillar diesel generators 3516, Mantrac (Aug. 1999).
: MS9001FA Gas Turbine Generator Main, Schenectady, NY, USA.
: Main Generator Controls, Schenectady, NY, USA.
: Mark VI Main, Schenectady, NY, USA.
: MS9001FA Gas Turbine Operation, six weeks on-site course (May/Jun. 2008).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2010 till now
Employer : Saudi Electricity Company
Project : Ghazlan Power Plant (4x430MW) Steam Turbine
Job title : Control Room Operator

Dates : From Jul. 2007 till Oct. 2010
Employer : Egyptian Electricity Authority (EEA)
Project : EL-KUREIMAT Power Plant (2x627MW) Steam Turbine
Job title : Shift Supervisor Engineer

Dates : From Aug. 2002 till Jul. 2006
Employer : Egyptian Operation and Maintenance Company (O&M)
Project : EL-KUREIMAT Power Plant
Job Description :

- Senior Engineer for 2x627MW units (from Jan. 2005 till Jul. 2006):
  - Review operation conditions for both units.
  - Shift Supervisor Engineer.
  - Perform isolation &safety tag out of the equipment.
  - Study problems and record Impac Navigator Program.
  - Perform power transfer.
  - Perform electric isolation of:
    - 6.3KV switchgear.
    - Power center.
    - Motor center control.
  - Train operators for proper care of equipment.
- Shift Engineer (Disk Operator) (from Aug. 2002 till Jan. 2005):
  - Following proceeding for system start-up.
  - Following proceeding for turbine cold and hot start-up.
  - Following proceeding for boiler cold and hot start-up.
  - Perform daily and weekly testing for system.
  - Following proceeding for unit load increasing and decreasing.
  - Monitor operation condition for the unit during normal operation.
  - Monitor turbine condition during normal operation through MARK V system.
  - Monitor boiler condition during normal operation though DCS system.
  - Following proceeding for unit (turbine, boiler and auxilliaries) shut down.
  - Perform main turbine warm up.

Dates : From Dec. 1999 till Aug. 2002
Employer : Egyptian Electricity Authority (EEA)
Project : EL-KUREIMAT Thermal Power Plant (2x627MW) / EL-KUREIMAT Thermal Power Plant 750MW Combined Cycle: 2x260MW Gas Turbines MS9001FA Mark VI control, 260MW Steam Turbine
Job title : Shift Engineer (Disk Operator)

Job Description :

- Construction, commissioning, start-up & operation of two units, each unit consists of:
  - B&W ELPASO boiler forced Draft / Natural Circulation gas & oil fire.
  - GE turbine generator speedtronic Mark V control System, fisher HP/LP Bypass system.
  - Westinghouse WDPF DCS.
  - Lurgi bamage water treatment.
  - ABB SAE Sadelmi: Fire Fighting system, Pumps, Critical piping, oil transfer system, Re-boiler system, Mazout transfer system, Air Compressor, Pipes Exchangers, Valves, HVAC and Chillers.
  - Transformers: 23KV/500KV, 500KV/220KV, 23KV/6.3KV, 6.3KV/0.38KV).
  - Electric Generators: 811.200MVA-50Hz-stator cooling-Rotor hydrogen cooling.
  - Electric System: 6.3KV Switchgear, 380V Power Centers, 380V MCCs, UPS, Batteries, PDPS and Battery Chargers.
  - Diesel Generators: 2x1.28MW Caterpillar Diesel Generators.
- Monitor proceeding for system flushes, steam blow out, Pneumatic and hydraulic.
- Following the operation testing commissioning and start-up of the power plant operation the unit from start-up to normal operation.
- Following proceeding for system start-up.
- Following proceeding for turbine cold and hot start-up.
- Following proceeding for boiler cold and hot start-up.
- Perform daily and weekly testing for system.
- Following proceeding for unit load increasing and decreasing.
- Monitor operation condition for the unit during normal operation.
- Monitor turbine condition during normal operation through MARK V system.
- Monitor boiler condition during normal operation though DCS system.
- Following proceeding for unit (turbine, boiler and auxiliaries) and shut down.
- Train operators in proper care of equipment.