100054-MEC-8OY-E-2008
Control Room Operator

Holds a B. Sc. in Mechanical Engineering and has about 12 years hands-on experience working in operation at Power Plants.

PERSONAL DATA

Nationality	:	Egyptian
Gender	:	Male
Residence	:	Currently Dubai

EDUCATION

: B. Sc. in Mechanical Engineering

LANGUAGES

Arabic	:	Native Language
English	:	Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Training at Abu Sultan Steam Power Plant.
: Training at Al-Tamsah for marine construction.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2010 till now
Employer : Dubai Electricity and Water Authority (DEWA)
Project : L STATION

- Phase I:
  - Three GE CTG x 250MW type PG9351 (9FA).
  - Three Doosan HRSG with Six Duct Burners System.
  - Two IHI Auxiliary Boilers.
  - Bypass and Reduction Stations.
  - Two Toshiba Back Pressure Steam turbines.
  - Demineralization Plant.
  - Five MSF FISIA desalination plant capacity of 63 MIGD.
  - 400KV GIS.

- 11KV Medium voltage, 380V Low Voltage Switch gears.

- Phase II:
  - Four SIEMENS CTG x 250MW type V94.3A.
  - Four NEM HRSG with Four Duct Burner System.
  - One NEM Auxiliary Boiler.
  - Bypass and Reduction Stations.
  - Two Alstom STG 250MW.
  - Four MSF FISIA desalination plant capacity of 51MIGD.
  - 400KV GIS.
  - 11KV Medium voltage, 380V Low Voltage Switch gears.

Job title : Control Room Operator

Dates : From 2008 till Jan. 2010

Project : Abu Sultan Steam Power Plant

- Foster-Wheeler Boiler 530T\H, 125 bar 512°C. Natural circulation, Natural Gas & Heavy Fuel Oil Firing.
- GE Steam Turbine (4x150MW), two cylinders – HP, IM and LP with 15KV Generator Hydrogen cooling system.
- Main Transformer 15/220KV, Start-up Transformer 220/6.3KV and Auxiliary Transformer 15/6.3KV.
- Power Plant Auxiliaries: 2 Aux. Boilers 19 T/H, 15 bar 350°C.
- Demineralization Plant.
- One Black Start Diesel Engine for emergency services.
- Two Hydrogen generating units.

Job title : DCS Operator Engineer

Field of experience :

- Operate the units even in case of abnormal operation.
- Collect and analyze periodical data.
- Follow and Deal with Alarms in Central Control Room.
- Perform Necessary Measures and Checks out Before Equipment Start-up.
- Follow Operation Specifications.
- Analyze Equipment Efficiency and performance.
- Application of Validated Procedures.
- Analysis of all Necessary Information about Local Sites.
- Operations of high, medium, and low voltage switch gears and load centers.
- Very good dealing with Siemens engineering logic work station.
- Excellent dealing with GE control system toolbox and MRK6.
- Excellent knowledge of DCS systems.
- Excellent in Operation of combined steam cycle and desalination units.
- Operate units' auxiliaries (Feed systems, Air Compressors, cooling systems, circulating water systems, condensate systems, boiler systems, turbine systems, fuel system, generator systems, electrical systems and all related systems).
- Issues equipment clearances and work permits. Develop and implement plant operating procedures.
- Analyze Gas Turbine faults & upsets, investigate and recommend solutions.

- Organize evaluation and testing of whole plant equipment.
- Follow the Dispatch Load Request.
- Perform Periodical Test.
- Start-up and Shut down of the Units.
- Detect and diagnose malfunction of equipment and prepare for work orders.