

Holds a B. Sc. and a Diploma in Electrical Power & Machines Engineering. Has about 7 years hands-on experience working in operation field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1986
Gender : Male
Marital Status : Single
Residence : El-Behira

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Tanta University, 2009
: Diploma of Electrical Power & Machines Engineering, Tanta University, 2009

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

: Training course of Industrial safety precautions.
: Training course of Definition of electrical power stations.
: Course in time management from AMIDEAST.
: Course in career development from AMIDEAST.
: ICDL
: English course.

CHRONOLOGICAL EXPERIENCE RECORD

Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Combined Cycle (2x750MW) Power Station:
• Two modules, each module consists of:
- Two Gas Turbines Siemens types V94.3A (2x250MW) site rating, with GT Auxiliaries (Fuel gas and Fuel oil supply systems, Lube oil

system, Hydraulic System, Compressed air system, cooling system, Purge / NOX water system).

- One Mitsubishi Steam Turbine 250MW (HP, IP, LP) turbine.
 - Two HRSG Alstom horizontal type.
 - One module consists of:
 - Two Gas Turbines GE types 9FA (2x250MW).
 - One Alstom Steam Turbine 250MW (HP, IP, LP) turbine.
 - Two HRSG STF horizontal type.
 - Pump House by INITEC Company (CP-118) for (Circulation & Service pump & Fire pump & Raw pump) and Closed Cooling & High / Low Feed Water Pump.
 - 500KV Double Bus bar Double Breaker switch yard by HITACHI.
 - 220KV Double Bus bar Single Breaker with Bus Coupler switch yard by ABB.
 - Four tie transformers 500/220/12KV.
 - Two 500KV OHTL.
 - Eight 220KV OHTL.
 - Switch gear 6.3/0.4KV by Schneider.
- Job Description** :
- Operation Engineer (currently).
 - Operation Engineer of steam and gas turbine:
 - Operation and maintenance for steam turbine equipments such as transformers, isolators, circuit breaker, insulators, surge arrestors.
 - Connect and disconnect the switchyard equipments such as transformers, bus bar, over head transmission lines (OHTL).
 - Operation the Live Line Insulator Washing System (LLIWS).
 - Follow and deal with protective alarms in control room.
 - Follow the status of all equipments with the national energy control centre.
 - The high voltage switchyard (500/220KV) consists of:
 - 500KV Double Bus bar Double Breaker switchyard by HITACHI
 - 220KV Double Bus bar Single Breaker with Bus Coupler switchyard by ABB.
 - Four tie transformers 500/220/12KV.
 - Two 500KV OHTL.
 - Eight 220KV OHTL.
 - Operation Engineer of combined power plant.
- Field of experience** :
- Duties:
 - Estimate starting time for the idle generation units and follow prescribed start-up procedures to bring units on line at specified time.
 - Change the loading of turbine/generator as required from the board or through the electrical control system.
 - Read meters and record data at specified intervals in appropriate logs and computers.
 - Immediately reports malfunctioning equipment of abnormal meter readings / equipment performance to supervisor and complete the appropriate records.
 - Responsibilities:
 - Perform troubleshooting and documentation and assist in the resolution of problems discovered during the shift.

- Ensure safety compliance of self and others. Perform all work in compliance with safety handbook
- Issue equipment clearance and work permits. Develop and implement plant operating procedures.
- Maintain working knowledge of electric control system and computers this knowledge is required to assess information and make changes to ensure safe, reliable operation.
- Ensure the maintenance of the plant operating history through timely completion of plant logs and required documentation.