

Holds a B. Sc. in Communications & Electronics Engineering and has about 8 years hands-on experience working in operation and start-up at Damietta Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/11/1986
Gender : Male
Marital Status : Married
Residence : Damietta

EDUCATION

: B. Sc. in Communications & Electronics Engineering, Suez Canal University, 2008

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Training Course in Siemens SGT5-2000E (V94.2).
- : Training Course in GEC ALSTHOM (Steam Turbine & Auxiliaries).
- : At East Delta Electricity Production Co., Damietta Power Plant:
 - Operating GIS SF6 66KV AEG Switch gear.
 - Operating GIS SF6 220 KV AEG Switch gear.
 - Operating 135MW Siemens Gas Turbine.
 - Operating, monitoring & maintenance plant auxiliary.
 - Operation of steam power plant (boiler, turbine, generator, transformer).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2009 till now
Employer : East Delta Electricity Production Company
Project : Damietta Combined Cycle Power Plant
Job title : Shift Engineer

- Job Description** :
- DCS operating boilers HRSG (heat recovery steam generation) and its auxiliary such as HP&P pumps, drums, super heater, filling, safety valves, pumps, instrument sets pressure gauges (PG), transmitters (PT) and working in the emergency trip of HRSG (ET).
 - (DCS) Operating & monitoring steam turbine 140MW (ALSTOM).
 - Monitor the Distribution Control System (DCS) readings and alarms of STG performance parameters and take appropriate action to correct deviations from established standards to ensure continuity of operations and provision of electric power in a safe and reliable manner according to load demands.
 - Ensure plant is running at optimal level, by reading trends and paying attention to detail to notice possible problems before they happen.
 - Report all plant upset conditions during Shift engineer.
 - Prepare assignments accordingly.
 - Carry out plant tests: start-up of the turbo-generator group and carrying out of mechanical tests, on load tests and coordinate electrical tests.
 - Identify and analyses technical problems: watch for defects and find solutions, ask for adequate technical support and report problems.
 - Carry out starting, normal operation, shut-down and stand still.
 - Trouble shooting analysis.
 - Analyze gas turbine faults and upsets, investigate and recommend solutions.
 - Monitoring all readings of pressure, temperature, flow rate, vibration, valve position, liquid levels and power generated.
 - Operating & Monitoring:
 - Two units of gas turbine v94.2 each one of them drive elect. Generator TLRI 135MW, 10.5KV.
 - Two power transformers each one 10.5KV / 220KV, 152 MVA.
 - Two power transformers 10.5KV / 6.3KV, 8.7 MVA.
 - Operating & Monitoring GIS SF6 220KV Switch Gear (AEG).
 - Switch yard contain connections of:
 - 9 Generators, 6 Transmission lines.
 - Control panels for these connections.
 - Protection system of transmission lines.