

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 5 years of operation experience in a large gas based modern combined cycle power plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/05/1984
Gender : Male
Marital Status : Married
Residence : Damanshour

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Tanta University, 2006

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Matlab

TRAINING COURSES AND CERTIFICATIONS

: ICDL (Jan. 2010).
: Training course for Gas Turbine Component and Operation with Combined Cycle, Middle Delta Electricity Production Company, Nubaria, Jan. 2009.
: Training course for Operation of Gas Turbines with its combined cycle (Siemens CTG x 250MW type V94.3A & ALSTOM Horizontal HRSG HP, IP, LP & Mitsubishi STG x 250MW type TC2F-35.4') using Simulator, Middle Delta Electricity Production Company, Nubaria, May/Jun. 2010.
: Training in Electrical Distribution Systems (Planning, Performance & Maintenance) with Society of Electricity Engineers.

CHRONOLOGICAL EXPERIENCE RECORD

Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Power Station (3x750MW)
Job title : Operation Shift Engineer

- Job Description** :
- Control Room Operating Engineer in Nubaria Combined Cycle (2x750MW) Power Station, which consists of two modules, each module has:
 - Two Siemens CTG x 250MW type V94.3A.
 - Two Alstom Horizontal HRSG 800 ton/hour:
 - HP (129 bar, 568 °C, 258 t/hr).
 - IP (25 bar, 568 °C, 294 t/hr).
 - LP (5 bar, 297 °C, 320 t/hr).
 - One Mitsubishi STG x 250MW type TC2F-35.4':
 - HP (125 bar, 568 °C, 258 t/hr).
 - IP (22 bar, 568 °C, 294 t/hr).
 - LP (4.5 bar, 297 °C, 320 t/hr).
 - Pump House by INITEC Company for Circulation pumps & Service pumps & Fire pumps & Raw pumps and Closed Cooling Pumps.
 - 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 / 11KV.
 - Two 500KV Over Head Transmission Lines (OHTL).
 - Eight 220KV OHTL.
 - Medium and low switchgear (16.5 / 6.3KV & 6.3KV / 400V) by Schneider.
 - Live Line Insulator Washing System for 500KV & 220KV switchyard.
 - Lead engineers and technical groups to operate four combustion turbine generators (Siemens) with two combined turbine generator (Mitsubishi) via four heat recovery steam generators (Alstom) and all related equipments.
 - Contact with the dispatching center (NECC) to manage the total power needed.
 - Record and follow all necessary data and information.
 - Manage the power station in disturbed situations.
 - Shutdown and start-up the module (two gas turbines with two combined boilers generate steam for one steam turbine).

Project : Nubaria Combined Cycle Power Station

Job title : Operation & Maintenance for 500KV & 220KV Switchyard

- Job Description** :
- Operation and maintenance of Conventional Air Insulated Switchyard (AIS) Sumitomo Corporation CONISYS (Tokyo & Cairo) 500KV and ABB Corporation (Cairo) 220KV.
 - Operation and maintenance for switchyard control room.
 - Energizing of transformers while commissioning.
 - Isolating and connecting switchyard equipments such as transformers, bus bars and over head transmission lines (OHTL) and coordinate with National Electricity Control Center (NECC).
 - Responsible for operation & maintenance of Live Line Insulator Washing system (LLIW) for 500KV & 220KV switchyard.
 - Follow and deal with protective alarms in control room.
 - Witness for all tests in switchyard 500KV / 220KV switchgears 16.5 / 6.3KV (C.B, C.T, P.T, etc.) some tests (Polarity, Megger, turns ratio).
 - Witness for tests on Power Transformers (D.C resistance, Insulation test, turns ratio, Tan δ).

Employer : Damanhour Carpet Company
Job title : Maintenance Engineer
Job Description :

- Responsible for operate and maintain Medium substation (11KV / 400V).
- Responsible for operate and maintain Medium electric machines of Spinning and texture lines.