

Holds a B. Sc. in Electronics & Electrical Communication Engineering and has about 12 years experience in operation of Nubaria Combined Cycle Power Station.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/02/1980
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Electronics & Electrical Communication Engineering, Menoufia University, 2003

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : On-shore training of ALSTOM (HRSG) operation, Nubaria.
- : On-shore training of steam turbine operation, Nubaria.
- : On-shore training of gas turbine Siemens v94.3A each one produces 250MW, Nubaria.
- : On-shore training of high and medium voltage (500KV/220KV/6.3KV), Nubaria.
- : Operation on-shore training of Alsea p320 distributed control system (DCS), Nubaria.
- : Off-shore operation training course (180 hours) at YOKOGAWA for Distributed Control System (DCS) CS 3000, which was held in Bahrain (Jul./Aug. 2009).

CHRONOLOGICAL EXPERIENCE RECORD

Project : Nubaria Combined Cycle Power Station (1500MW):

- Two modules, each module consists of:

- Two Siemens CTG 250MW type V94.3A
 - Two horizontal Alstom HRSG
 - One Mitsubishi STG 250MW (HP, IP, LP)
 - 220KV Switchyard
 - 500KV Switchyard
 - Four tie transformers 500/220KV
 - Medium and low voltage switchgears
- Job title** : Senior Shift Engineer
- Project** : Nubaria Combined Cycle Power Station
- Job Description** :
- Operation Engineer:
 - Mitsubishi Steam Turbine (2x250MW):
 - Surface condenser.
 - Gland steam condenser & fan.
 - Lube oil cooler.
 - Condenser vacuum pump.
 - Lube cleaning system.
 - Debris filter.
 - Condenser water vacuum pump.
 - Turbine governing system.
 - Operation of steam turbine.
 - DEH control.
 - ATS control.
 - Turbine Inter lock.
 - Turbine Control System.
 - Auxiliary Equipment control.
 - Gas Turbine Operation Engineer:
 - Commissioning and start-up, Liquid fuel commissioning & combustion inspection & hot gas bass inspection witness.
 - Operation Engineer of for Combustion Turbine Generator (Siemens V94.3A).
 - Boiler Operation Engineer (HRSG):
 - Commission, Steam blow out, Start-up and Operation for four Heat Recovery Steam Generations (ALSTOM, horizontal exhaust type, natural circulation, 3drum, HP, IP, LP (125bar, 74kg/s), (25bar, 85kg/s), (5 bar, 10kg/s)).
 - Make first run to pumps (HP/IP, LP, condensate, preheat, closed cooling, service, cooling) and confirm.
 - The protection tests, make flushing & chemical cleaning for feed lines to HRSG.
 - Official to make chemical cleaning steam blowout.
 - Shift Engineer in the switchyard of Nubaria Combined Cycle Power Station:
 - Responsible of all 500KV and 220KV equipments and devices operation, technical tests and high voltage tests.
 - Attended first time operation tests for Nubaria – Sidi Krir and Nubaria – Cairo 500KV OHTL and energizing.
- Field of experience** :
- Experience in preparation of site activity planning.
 - Leading the construction team till successful start-up and handover to the client.
 - Construction safety practices.

- Material take off.
- Man power / equipment, requirement.
- Understanding of P&ID drawing, coordinate with QA/QC and pipe line installation.