

Holds a B. Sc. in Electrical Power Engineering and has over 20 years hands-on experience, including 15 years in operation, erection, commissioning and start-up of Thermal Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/07/1967
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Power Engineering, Mansoura University, 1990

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : At Ayoun Moussa:
 - 4 weeks in Multistage & Flashing system (MSF) for Raw Water.
 - 6 weeks in Auxiliaries, Mechanical & Piping Installation (by SKODA).
 - 6 weeks in Main Boiler and BMS (by Babcock & Wilcox).
 - 4 weeks in Main Turbine Operation (by Siemens).
 - 2 weeks in Turbine feed water pumps (by Siemens).
- : At EDF Suez Gulf:
 - 2 weeks Foster Wheeler main boiler operation training.
 - 2 weeks Toshiba Turbine operation training.
 - 1 week fire fighting protection training.
 - DCS training from Bailey and Alstom Co. (EEHC, EDF).
 - Turbo Mach gas turbine training (EDF).
 - Operation training courses (basics, process, electric, chemistry) from EDF Training Center.
 - GIS operation training from Alstom (EDF).
 - Switch boards operation training from Schneider (EDF).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2003 till now
Employer : EDF (Electricite de France)
Project : Suez Gulf Thermal Power Plant (2x360MW)
Job title : Shift Charge Engineer
Job Description :

- Supervise the commissioning and start-up of the units.
- Turn over package & punish list preparation.
- Start-up and shutdown procedure preparation.
- Shift management & maneuvers with dispatch center.
- Carry out all the locking works for safety work permits.
- Ensuring safe, efficient and economical running of the plant.
- Troubleshooting and preventive maintenance during the shift.
- Supervising and controlling the power plant operation (start-up, normal operation, shut down).
- Perform the technical analysis for the defects.
- Supervising, management and controlling the outage of the power plant.

Dates : From Sep. 2002 till Mar. 2003
Employer : EDF (Electricite de France)
Project : Suez Gulf Thermal Power Plant (2x360MW)
Job title : DCS Unit Operator (ALSTOM DCS)
Job Description :

- Management of Thermal Power Plant 360MW during the commissioning, start-up, shut down and during the commercial operation.
- Foster Wheeler Boiler:
 - Natural circulation, main steam (1100t/h, 174bar, 540 °C) mixing fire (natural gas, Mazout and Solar).
- Toshiba Turbine:
 - Two cylinder (HP/IP) & LP with 18KV auxiliaries generator hydrogen and stator cooling water system.
- Power Plant Auxiliaries:
 - Babcock auxiliary boiler (60t/h, 15bar, 350 °C), Desalination plants 2x60t/h flash type evaporator, Demineralization plant & Chlorination plant.

Dates : From Aug. 1995 till Sep. 2002
Employer : EEHC (Egypt Electricity Holding Co.)
Project : Ayoun Moussa Thermal Power Plant (2x320MW)
Job title : Shift Charge Assistance Engineer
Job Description :

- Attended erection of both turbines with its auxiliaries, erection of both boilers with its auxiliaries, piping erection and fuel oil pumping station.
- Attended also start-up, commissioning of both units 1 & 2.
- Manage the unit during commercial operation.
- Babcock & Wilcox Boiler:
 - Natural circulation, main steam (1000t/h, 172bar, 540 °C) mixing fire natural gas, Mazout and Solar.

- Siemens Turbine:
 - Three cylinders HP, IP & LP with 21KV generator Hydrogen cooling.
- Power Plant Auxiliaries:
 - Babcock auxiliary boiler (60t/h, 15bar, 350 °C), Desalination plant 2x208 t/h multistage and flashing type, Demineralization plant & Chlorination plant.

Dates : From May 1992 till Jul. 1995
Employer : TOYOTA Co.
Job title : Maintenance Engineer in Car Service Dept.
Job Description : Responsibilities included Car-Problem Diagnostics (engine problems, car suspension, Tinsmith, painting and follow up car maintenance).

Dates : From Jan. 1991 till Feb. 1992
Employer : Egyptian Military
Job Description : Diesel Generator Maintenance Engine