

100089-ELE-OS-E-2002
Operation & Commissioning Engineer

Holds a B. Sc. in Electrical Power Engineering and has about 10 years hands-on experience in operation, commissioning and start-up of Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 26/12/1977
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Power Engineering, Mansoura University, 2002

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Components and operation of Combined Cycle Power Plants.
: Fire fighting and saving training course.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2011 till now
Employer : Kharafi National Company
Project : Al-Shabab Station (1000MW), Ismailia
Job Description : Operator of gas turbine GE 125MW.

Dates : From Jun. 2010 till Jun. 2011
Employer : IBERDROLA for Construction & Engineering Company
Project : El-Kureimat Integrated Solar Combined Cycle 140MW
Job title : Start-up & Commissioning Engineer
Job Description :

- Attendance of erection and commissioning of SIEMENS steam turbine 70MW, GE gas turbine 70MW, HRSG NEM and Kettle Boilers NEM.
- Operator of gas turbine GE 70MW.

Dates : From Jan. 2010 till May 2010
Employer : Middle Delta for Electricity Production Co.
Job title : I&C Engineer

Dates : From Mar. 2008 till Jan. 2010
Employer : Skoda Praha Power Automation Company
Projects :

- El-Kureimat II Combined Cycle Power Plant (750 MW)
- Talkha Combined Cycle Power Plant (750MW)

Job title : Commissioning & Start-up Engineer
Job Description :

- Attendance of erection and commissioning of Hitachi steam turbine 250MW & 2 HRSG CMI-SKODA made 340 T/H.
- Operator of two HRSG each one 340 T/H.

Dates : From Apr. 2002 till Feb. 2008
Project : Talkha Steam Power Plant (2x210MW)
Job title : Shift Engineer in high capacity pump house
Job Description :

- High capacity mixed flow cooling pumps.
- Fire fighting pumps (jockey pump, centrifugal electrical pumps, diesel engine pumps, axial flow pumps), Liquid fuel tanks fire fighting system.
- Connecting and disconnecting of 220KV, 66KV, 6KV, 400 V switchgear and transformer.
- Local Operator of steam turbine and auxiliaries and machine hall including:
 - High capacity feed water pumps (electrical centrifugals 4500 hp).
 - Condensate pumps.
 - Sealing oil pumps (gear pumps).
 - Heat exchangers.
 - 3-phase AC generator (210MW hydrogen cooling).
 - Lubricating oil pumps.
 - Hydraulic valves of steam turbine and hydraulic circuits.
 - Pneumatic valves and pneumatic circuits.
- Disk operator of steam turbine and auxiliaries.
- As Plant Shift Engineer responsible for:
 - Supervise, instruct and coordinate with the assigned crew to fulfill their job.
 - Monitor and optimize plant operation.
 - Assure satisfactory operation of the plant (boiler, turbine, generator).
 - Maintain detailed logs for all operation activities.
 - Discover and maintain any unusual condition of any equipment operation.
 - Report the work orders of preventive and breakdown maintenance of any equipment.