

Holds a B. Sc. in Mechanical Power Engineering and has about 10 years hands-on experience working in gas turbines, steam turbines and HRSG commissioning and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/11/1979
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2004

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD 2D (2014)
: Autodesk Inventor Professional 2008
: Adobe Photoshop 9

TRAINING COURSES AND CERTIFICATIONS

: Basics and Site Specifics courses (Bechtel Company), Shoubra El-Kheima Power Plant (from Nov. 2008 till Feb. 2009).
: Emergency trip and how treatment for equipment (Boiler, Pumps, Steam Turbine), one week training course, Shoubra El-Kheima Power Plant.
: Operation & configuration training in (ABB Company in Italy) on PGP for BMS (one month).
: At Shoubra El-Kheima Power Plant (2 weeks):

- Steam turbine maintenance.
- Alignment for rotary machines.
- Compressor maintenance.
- Operation (unit 4 x 315) DCS control.

: Safety principles & Fire extinguishers and usage of fire hoses, Civil Defense Administration (10 days).

- : How to increase of efficiency of power plant, Power Station quality control (1 week).
- : Maintenance and operation of steam cycle power plant, Cairo North Power Plant (10 days).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2011 till now
Employer : CEPC
Project : Cairo North Combined Cycle Power Plant (2x750MW)
Job title : Shift Charge Engineer
Job Description :

- Operation and Mechanical Engineer of the Power Generation Module (2) (750MW), contains two GE 9FA gas turbines & one Alstom steam turbine & two NEM HRSG.
- Follow the units from DCS as Board Operator when normal operation, start-up.
- Follow the weekly testing of firefighting pumps and diesel generator.
- Good acknowledge about national standard NFPA – ASHREE – ASMI – ASTM.
- Follow up the maintenance and executive of any new project in plant locally.
- Good knowledge about using functional control diagrams and control system.

Dates : From Jun. 2009 till Aug. 2011
Employer : CEPC
Project : El-Tebbin Power Plant (2x350MW)
Job Description :

- Shift Charge Engineer of the power plant 2 units x 350MW, contains 2 steam turbines, 2 boilers, 16 heaters, BOP.
- Follow construction work.
- Follow the system flushes, steam blows and hydrostatic and pneumatic testing.
- Coordinate the operation testing, commissioning and preparing all plant locally.
- Power Plant Operator for (cold, warm and hot) start-up, unit's load increasing and decreasing, normal operation and shut down; using and DCS (all other equipment's).
- Participate in the plant commissioning process.
- Good knowledge about using functional control diagrams and control system.

Dates : From Nov. 2007 till Jun. 2009
Employer : CEPC
Project : Shoubra El-Kheima Power Plant (4x315MW)
Job Description :

- Operation Engineer of the power plant (4 units x 350MW), contains 4 steam turbines - 4 boilers - 28 heaters - BOP.
- Power Plant Operator for (cold, warm and hot) start-up, unit's load increasing and decreasing, normal operation and shut down; using and DCS (all other equipment's).

- Follow the units from DCS as Board Operator when normal operation, start-up.
- Follow up the maintenance and executive of any new project in plant locally.
- Good knowledge about using functional control diagrams and control system.