

Holds a B. Sc. in Mechanical Engineering and has over 8 years hands-on experience in power plants construction, operation and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/03/1979
Gender : Male
Marital Status : Married
Residence : Damanhour, El-Behira

EDUCATION

: B. Sc. in Mechanical Engineering, Menoufiya University, 2004

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point, Access), Internet
: Visual Basic 6

TRAINING COURSES AND CERTIFICATIONS

: Training course from ABB on Harmony Architecture, Harmony H/W and S/W Configuration with function code and composer PGP 3.X operator workplace introduction and operation.
: Training course on Operating of Combined Cycle Power Plant.
: Training course on Operating of Gas Turbine.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2011 till now
Employer : Kharafi National in Kuwait
Project : Sabiya Combined Cycle Power Station (3x750MW):

- 6x250MW Gas turbine (MS9001FA GE)
- 3x250MW Steam turbine (MGE)
- 6x90 KG/S HRSG (HYUNDAI)
- BOP & Cooling tower (HUYNDAI)

Job title : Senior Mechanical Engineer

Job Description :

- Participate in commissioning activities.
- Participate in all tests (performance test & Runback & Noise level & load rejection & ramp load & emissions & Fuel change over & step load).
- Study, review and comment P&IDs for all project system.
- Follow up all site mechanical construction activities e.g. gas turbines.
- Attend mechanical activity progress meetings and make sure that site activities are in line with project schedule.
- Coordinate all mechanical activities (Mechanical Equipment and piping installation) with other disciplines i.e. Civil, Electrical.
- Review and approve contractor's progress invoices.

Dates : From Jan. 2009 till Mar. 2011

Employer : TOSHIBA

Project : Sidi Krir Combined Cycle Power Station (750MW)

Job title : Mechanical Commissioning & Operation Engineer

Job Description :

- Commissioning & start-up for:
 - Closed cooling system.
 - Service water system.
 - Circulating water system.
 - Condensate water system.
 - Feed water system (HP-IP-LP).
 - Demi water storage & transfer system.
 - Instrument & service air system.
 - Potable water system.
 - Fire fighting system.
 - Trash Rack system.
 - Service Gases system.
- Chemical Cleaning for condensate & feed water system.
- Steam Blow out for Main steam, Cold Reheat, Hot Reheat, Hp & Ip By pass Lines.

Dates : From Oct. 2005 till Jan. 2009

Employer : West Delta Electricity Production Company

Project : Sidi Krir Combined Cycle Power Station (750MW):
2x250MW Mitsubishi Heavy Industries (MHI) GAS Turbine and 1x250MW Steam Turbine (ANSALDO), Heat Recovery Steam Generators (NEM), METITO WATER TREATMENT PLANT

Job title : Shift Charge Engineer / Combined Cycle Operation Engineer

Job Description :

Shift Charge Engineer:

- Checking up the equipment electrically and mechanically before the equipment operation.
- Securing the field and the equipments after shutdown.
- Checking up and observing the equipments and making sure that all auxiliaries in the normal operation conditions.
- Supervising the equipments after operating, change over or maintenance.
- Making report about disorder before shutdown of maintenance.

- Charging of the shift during operation and shutdown.
- Tie between operator in main control room and technician in the field.
- Make electrical maneuver with the dispatch.

Combined Cycle Operation Engineer:

- Carrying out start-up, shutdown and emergency operation of the plant units (GT, HRSG & ST) and equipment as per operating procedure.
- Reporting abnormalities and defects to superiors & take correct action.
- Carrying out plant operational routines scheduled for shift safely and without disturbance.
- Monitor, record and maintain operating parameters/activities in order to Control and achieve reliable and efficient operations.
- Comply with all safety requirements, applying all rules and procedures.

Dates : From Aug. 2004 till Oct. 2005
Project : Damanhour Sewage Treatment Plant (50,000 m³/day)
Job title : Mechanical Maintenance & Operating Engineer