

Holds a B. Sc. and a M. Sc. in Mechanical Power Engineering. Has about 22 years hands-on experience mainly in operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/11/1967
Gender : Male
Marital Status : Married
Residence : Dakhalia

EDUCATION

: B. Sc. in Mechanical Power Engineering, 1991
: M. Sc. in Mechanical Power Engineering (Energy Analysis and Optimum Performance of Combined Cycle Power Plants), 2000

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: FORTRAN and VISUAL BASIC

TRAINING COURSES AND CERTIFICATIONS

: Training in Operation of 6x150MW Gas Turbine, SIEMENS Egypt.
: Training in Operation of 3x150MW Steam Turbine, ALSTOM FRANCE.
: Training in Operation and Maintenance of 6x250 t/h Heat Recovery Steam Generator (HRSG), BABCOCK-BORSAG.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2013 till now
Employer : [EGYPTROL](http://www.egyptrol.com) – Commissioning Subcontractor for SAMSUNG C&T
Project : Qurayyah Independent Power Project (6x750MW) – Combined Cycle
Job title : Head of Plant Operation Group

Job Description : Responsible for taking over operation from commissioning team for all commission equipment and coordinating all operation staff activities following the transfer of equipment to operate under Operation Group.

Dates : From Nov. 2009 till May 2013

Employer : Ansaldo Caldaie S.P.A.

Project : El-Tebbin Thermal Power Plant 2x350MW gas/oil fired

Job title : Commissioning & Operation Engineer

Job Description :

- Start-up and commissioning of mechanical systems (water, fuel and steam) as well as steam turbine operation; through understanding of industrial safety practices.
- Boiler start-up, shutdown, steady operation and load controlling as request by dispatch center.
- Working closely with client personal and vendor service engineers.
- Developing system scooping documents, reviewing turnover packages and providing recorded data for system equipments (working closely with client personal and vendor service engineers).
- Work as a Deputy Commissioning Manager.

Dates : From Aug. 2005 till Nov. 2009

Employer : Saudi Electricity Company

Project : Shoaiba Power Plant – KSA:
6x400MW Boiler manufactured by Combustion Engineering Company (induced and forced draft fans, forced circulation steam boiler (1200 t/h), Stage 2):

- 400MW Steam Turbine ABB Company.
- Alstom DCS control system.

Job title : Shift Charge Engineer (Simulator Trainer)

Job Description :

- Responsible for all plant, 6 Turbines, 6 Boilers and their auxiliaries plus BOP. Coordinate contact between the station and dispatch center.
- Steady operation of all units, start-up and save shut down and load controlling as LDC request.
- Responsible for the simulator training programs for engineers and technicians on site.
- Managing the proper application of the Permit to Work System on site.
- Give advice, where required, to the responsible engineer for a hazard identification or risk assessment.

Dates : From Jan. 2004 till Jan. 2005

Employer : TECHINT CIMIMONTUBI NIG. LTD

Project : Nigeria Liquefied Natural Gas (NLNG) Plus Project

Job title : Commissioning Engineer

Job Description : Responsible for commissioning of mechanical systems in LNG plant including new loading Getty with four loading arms three of them for LNG and the other for BOG and perform: Air Blowing, oil flushing, water washing, vessel inspection tray completion, vessel loading, punch listing, piping pigging, vacuum and positive pressure drying, leak testing, tightness testing etc. and completely aware about HSE (health, safety & environment) safety programs inside LNG plants.

Dates : From Jun. 2001 till Dec. 2003
Employer : ALSTOM Power Italy
Project : Shoaiba Power Plant – KSA:
 5x400MW Boiler manufactured by Combustion Engineering Company (induced and forced draft fans, forced circulation steam boiler (1200 t/h), Stage 1):

- 400MW Steam Turbine ABB Company.
- Alstom advent power control system.

Job title : Shift Engineer
Job Description : Responsible for:

- Start-up and commissioning of mechanical systems (water, fuel and steam) as well as steam turbine operation; through understanding of industrial safety practices.
- Developing system scooping documents, reviewing turnover packages and providing recorded data for system equipments (working closely with client personal and vendor service engineers).
- Capability of pre-commissioning activities reviewing engineering drawing and specifications to ensure adequate provisions that will be made for testing, flushing, cleaning, steam blow-down, and the ability to conduct systems walk down generating punch lists.
- The ability of administration safety and clearance tagging procedure.
- Follow up performance tests of energy and utility systems, evaluates the testing results against the performance targets and authorize acceptance of performance testing.

Dates : From May 1999 till Jun. 2001
Employer : Ministry of Electricity and Water – Kuwait
Project : Doha West Power & Water Station:

- Boiler manufactured by BABCOCK-BORSAGE (8x1200 t/h).
- 8x300MW Steam Turbine manufactured by MITSUBISHI Company.
- 16x7 MIGPD Desalination Plant.

Job title : Shift Charge Engineer
Job Description :

- Responsible for all plant, 8 Turbines, 8 Boilers and their auxiliaries plus BOP. Coordinate contact between the station and dispatch center.
- Responsible for Desalination Plant (16x1700 t/h) MITSUBISHI Company.

Dates : From Sep. 1992 till May 1999
Employer : Ministry of Electricity and Energy – Egypt
Project : Damietta Combined Cycle Power Plant:

- 6x150MW Gas Turbines by SIEMENS Company.
- 3x150MW Steam Turbines by ALSTOM Company.
- 6x250 t/h Heat Recovery Steam Generators, BABCOCK-BORSAGE Company.

Job Description :

- Shift Charge Engineer:
 - Responsible for all plant, 6 Gas Turbines & 3 Steam Turbines and 6 Boilers (HRSG) and their auxiliaries and the BOP.
- Process Engineer for commissioning and start-up:
 - Responsible for all balance of plant, feed water pumps, condensate pumps, circulating pumps, air compressors, etc. (during plant

- start-up).
- Shift Engineer:
 - Work as Disk Operator for Gas Turbine & Steam Boiler-Turbine and its auxiliaries.
 - Supervisor for 220KV GIS switchgear (AEG Company).