

Holds a B. Sc. in Mechanical Power Engineering and has more than 27 years hands-on experience in operation, maintenance, planning, training, engineering, construction and Project Management of various fossil power generation and desalination plants.

## **PERSONAL DATA**

Nationality : Egyptian

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Suez Canal University, 1983

## **LANGUAGES**

Arabic : Native Language

English : Good

## **COMPUTER SKILLS**

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

: MS Project, Visio

## **TRAINING COURSES AND CERTIFICATIONS**

- : Operation and Maintenance of Combustion Engines in Moscow for four weeks in 1992.
- : Fundamentals of Automatic control system at Abu-Sultan power plant in Egypt for four weeks in 1993.
- : Operation of boiler and auxiliaries in India for three weeks in 1995.
- : Advanced study of design features, operation and maintenance of Holeby Diesel Generator Sets, MAN and B&W in Denmark for three weeks in 1995.
- : Maintenance of steam turbine at North Cairo Training Center for three weeks in 1998.
- : Safety and Health training course in August 1994.
- : OSHA Construction Industry Safety & Health in March 2007.
- : Leadership Development Program (LDP), Feb. 1999 till Jan. 2000.
- : Train-the-trainer courses under the auspices of the USAID, PPL Utility at Allentown, Pennsylvania, USA.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2009 till now  
**Employer** : East Delta Electricity Production Co. - Fayed Training Center  
**Job title** : General Manager
- Dates** : From Mar. 2004 till Nov. 2009  
**Employer** : Arabian Consulting and Engineering Services Co. (ACESCo) – Libya  
**Project** : 4 power and desalination projects:
  - 624MW GT project (ISO).
  - Abu-Traba Desalination Project (40000 m<sup>3</sup>/day).
  - 2 Desalination Projects each of 40000 m<sup>3</sup>/day capacity.
- Job title** : Site Construction Manager  
**Job Description** :
  - Started as a Project Control Engineer for 624MW (ISO) and Combined Cycle 300MW projects.
  - Responsible for monitoring the contractor's progress against the baseline schedule and preparing the monthly progress reports including the areas of concerns for action.

624MW (ISO) GT Project:

  - Responsible Engineer (RE) to coordinate the engineering design review process among the engineering disciplines as well as leading the mechanical team for design review (from Aug. 2004).

624MW (ISO) GT Project (4 x 156MW Siemens V94.2):

  - As Site Construction Manager responsible for managing the day-to-day site activities, lead the site committee to enable the main contractor (BHEL) and sub-contractors to execute the project properly in compliance to the contract specifications and approved documents.
  - Set up a system to monitor the site activities and inspections for construction, commissioning, start-up and performance guarantee tests.
  - Monitor the schedules, quality plans, approve the Field Change Notes (FCN), monitor HSE, review and approve the monthly work progress certificates.
  - Coordinate the weekly site meetings with the main contractor and subcontractors as well as the gas fuel supply company (Eni Gas) to facilitate the work progress and maintain proper work flow.
  - Conducted training sessions to the Owner site committee in teambuilding and project management to create a positive workplace environment and improve workforce performance.
  - Report regularly to ACESCo project manager.
  - Prepared the project closure report and successfully handed over to the owner on Jan. 31, 2007.

Abu-Traba desalination project of 40000 m<sup>3</sup>/day capacity:

  - From Mar. 2007 Site Manager of the running Abu-Traba desalination project of 40000 m<sup>3</sup>/day capacity to close out the project and hand over to the Owner.
  - Successfully completed the assignment, prepared the closure report and turned over the project to the Owner on July 31, 2007.

2 Desalination Projects each of 40000 m<sup>3</sup>/day capacity:

- From Aug. 2007 Site Manager of two nearby Desalination Projects 80 km distance in-between of 40000 m<sup>3</sup>/day for each. The two sites are partly completed and the closure report prepared on November end, 2009.

**Dates** : From Jan. 2000 till Mar. 2004  
**Employer** : East Delta Electricity Production Company (EDEPC)  
**Project** : Arish Power Plant  
**Job title** : Technical Office, Planning & Training Manager  
**Job Description** :

- Responsible for plant performance calculation, reports, energy exchange calculation and approving invoices to the Distribution Company and to the Egyptian Transmission Company.
- Created the Preventive Maintenance schedules, Planning shutdowns and conducted regular meetings for recommended corrective actions to improve the plant performance.
- Usefully implemented the management tools that his productivity recognized and the EDEPC top level management selected him to join the membership of EDEPC committees for Strategic Planning, Information System and Balance of Energy.
- My significant contribution was in setting objectives and sharing with the concerns to achieve new records of specific fuel consumption and applying the plant power pool system.
- I was regularly invited to conduct the effective management courses in Leadership Development Center and to the training centers of Electric Companies belong to EEHC.

**Dates** : From Feb. 1999 till Jan. 2000  
**Employer** : Egyptian Electricity Holding Company (EEHC)  
**Project** : Leadership Development Program  
**Job title** : LDP Delegate  
**Job Description** :

- Participate in Leadership Development Program by the Institute of International Education and Ministry of Electricity and Energy under the auspices of USAID.
- The program composites of English for report writing and work place communication, Leadership & Motivation, Team Building, Effective Management, Performance Assessment, Root Cause Analysis, Process Analysis & Workforce Productivity, Strategic & Business Planning, Change Management, Project Management, Accounting & Budgeting, Economics and Finance and on-the-job training at PPL Utility at Allentown, Pennsylvania, USA.
- At the end of LDP, he provided the change proposal for his company (Localization impacts on the stock control of power plants).
- He successfully completed the Program with distinction grade.
- Consequently he had train-the-trainer program for delivering the Effective Management courses.

**Dates** : From Sep. 1997 till Feb. 1999  
**Employer** : East Delta Electricity Production Company (EDEPC)

**Project** : Arish Steam Power Plant  
**Job title** : Chief of Turbine & Aux Maintenance Dept.  
(The scope of maintenance department was the Main turbine and its auxiliaries, 2x600 m<sup>3</sup>/day multi-effect desalination plant, hypo-chlorite, demineralized water, potable water, waste water & sewage treatment plants and HVAC system.)  
**Job Description** : Responsible for leading the maintenance crew and preparing the preventive maintenance schedules.

**Dates** : From Aug. 1995 till Sep. 1997  
**Employer** : Egyptian Marketing Consultant (EMC), Private Sector  
**Project** : MAN B&W Diesel Power Plant (2x2.5MW with accessories), Ras Sudr (South Sinai)  
**Job title** : Guarantee Engineer  
**Job Description** :

- Responsible for operation & maintenance of the plant and delivering reports and warranty claims to the main office at Cairo.
- Perform the maintenance activities at other similar sites and train the operation and maintenance owner's staff.
- The main office selected him to provide demonstrations to the company's customers for marketing new sets.

**Dates** : From Mar. 1994 till Aug. 1995  
**Employer** : East Delta Electricity Production Company (EDEPC)  
**Project** : Arish Power Plant  
**Job title** : Mechanical Construction & Commissioning Engineer  
**Job Description** :

- Witness the inspections and tests of construction and commissioning of the APP Project.
- Coordinated the taking over of spare parts from the contractors CIMI, MONTOBI, FUJI and BHEL.

**Dates** : From Feb. 1988 till Mar. 1994  
**Employer** : East Delta Electricity Production Company (EDEPC)  
**Job title** : Manager of Combustion Power Plant  
**Job Description** :

- Monitored the construction, commissioning and start-up of the Combustion Power Plant and 33KV switchgear.
- Assigned as a Plant Manager leading 40 employees that gained me the leadership and management skills in early stage of my career.
- Responsible for construction, testing, operation and maintenance.

**Dates** : From Feb. 1987 till Feb. 1988  
**Project** : Abu-Sultan Steam Power Plant (4x150MW)  
**Job Description** : Start-up, operation and maintenance.

**Dates** : From Feb. 1984 till Feb. 1987  
**Employer** : Electricity Distribution Company  
**Job Description** : Responsible for installing electric diesel units and Low & Medium tension networks to the rural areas in Sinai.

**International Conference Contribution:**

- Presented a paper at the Middle East and Africa Metering Conference 2003 in Cairo on "The impact of power pool metering systems on the management style of generation sector".
- Participate on the honor of ACESCo. the 1st Engineering Exhibition held on November 16 to 18, 2009, Tripoli, Libya.
- Participate the annual MENA Chapter held on December 28, 2009, AUC, Egypt.

- Further experience** :
- Conducted lectures of Electro-Mechanical Course at Technical Institute as a part-time Instructor for two years.
  - Conducted numerous successful management courses to various electrical companies affiliated to Egyptian Ministry of Electricity and Energy.