

Holds a B. Sc. in Mechanical Power Engineering and has about 29 years hands-on experience in steam turbine generators, condenser, piping and aux. systems construction, commissioning and start-up of several power plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 26/12/1957
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, 1981

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Bechtel course of power plants 315MW Basics and Site specific for 6 months in 1985.
- : Dealim course of 315MW power plants start-up and commissioning for 3 months in 1988.
- : Westinghouse course of steam turbine generator maintenance of one month in 1978.
- : Scottish power course of vibration condition monitoring for 1 day in 1991.
- : Siemens course in mechanical maintenance of steam turbine generator and mechanical equipment in Germany for one month (Feb./Mar. 1994).
- : ABB industrial course of Compressed Air System for 12 days in 1994.
- : ABB industrial course of General System for 7 days in 1994.
- : SALT RIVER project training program in Power Plant operations & management in Phoenix, Arizona – USA.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2008 till now
Employer : ALSTOM Power

Project : El-Kureimat III Combined Cycle Power Plant 750MW
Job title : Construction Manager
Job Description :

- Follow the construction of steam turbines, generators, condenser and auxiliaries systems (1x250MW).
- Responsible for the mechanical, electric and instrument work commissioning, testing and turnover work.
- Liason with contractors.
- Resolution of technical queries on site.
- Resolve interface problem coordination.
- Off-site activities with other disciplines.
- Agreement of work procedures, safety and schedule programming.

Dates : From Aug. 2006 till Aug. 2008
Employer : ALSTOM Power
Project : New Talkha Combined Cycle Power Station 750MW
Job title : Construction Manager
Job Description :

- Follow the construction of steam turbines, generators, condenser and auxiliaries systems (1x250MW).
- Responsible for the mechanical, electric and instrument work commissioning, testing and turnover work.
- Liason with contractors.
- Resolution of technical queries on site.
- Resolve interface problem coordination.
- Off-site activities with other disciplines.
- Agreement of work procedures, safety and schedule programming.

Dates : From Apr. 2006 till Aug. 2006
Employer : KAHROMICA Co.
Project : Cairo North II Combined Cycle Power Station 750MW
Job title : Construction Manager
Job Description :

- Construction of steam turbines, generators, condenser and auxiliaries systems (1x250MW) supplied by ALSTOM.
- Responsible for the mechanical construction, electric and instrument work.

Dates : From Jan. 2005 till Apr. 2006
Employer : KAHROMICA Co.
Project : Nubaria Combined Cycle Power Station 2x750MW
Job title : Site Manager
Job Description :

- Construction of steam turbines, generators, condenser and auxiliaries systems (2x250MW) supplied by MITSUBISHI Heavy Industries Ltd.
- Responsible for the construction, electric and instrument work, commissioning, mechanical testing and turnover to the owner.
- Liaison with contractor.
- Resolution of technical queries on site and resolving interface problems.

- Coordination off-site activities with other disciplines.
- Agreement of work procedures, safety and schedule programming.

Dates : From Jan. 2002 till Dec. 2005
Employer : Gaza Power Generation Company PLC
Project : GAZA Combined Cycle Power Plant (2x70MW) – PALESTINE
Job title : Mechanical Construction Manager
Job Description :

- Construction, start-up and commissioning of 4 gas turbines (ALSTOM GTIO, 24MW/unit), 2 steam turbines (ALSTOM, 20MW/unit) and aux. systems.
- Responsible included the supervision of all testing and turnover work in addition to other related mechanical engineering quality control tasks.

Dates : From Aug. 2001 till Dec. 2001
Employer : Egyptian Operation & Maintenance Power Co. (OMPC)
Project : El-Kureimat Steam Power Plant 2x627MW
Job title : Mechanical Supervisor Maintenance Engineer of steam turbine & aux.
Job Description : Preparing and supervising of preventive maintenance, corrective maintenance and major overall of the following equipment:

- Air compressors (INGERSOLL RAND) and air dryer.
- Valves (different types, sizes) and actuators.
- Ingersoll Dresser pumps (Vertical-Horizontal) single multi-stages.

Dates : From Jun. 2000 till Jul. 2001
Employer : Bechtel Overseas B Corp.
Project : Sidi Krir Boot I Project 2x340MW Steam Power Plant
Job title : Turbine Engineer & Aux. Superintendent
Job Description :

- Construction of 2x340MW steam turbine with generator and aux. supplied by ALSTOM.
- Responsible included the supervision of all mechanical construction, testing, commissioning and turnover work for steam turbine, generators and auxiliaries.

Dates : From Oct. 1997 till Jun. 2000
Employer : ABB SAE SADELMY / KAHROMIKA
Project : El-Kureimat Power Plant
Job title : Senior Mechanical Engineer
Job Description : Supervision of installation, commissioning & maintenance for BOP & all mechanical equipment such as:

- Air compressors.
- Valves.
- Pumps (Vertical-Horizontal) single multi-stages.
- Air dryer.
- Heaters.
- Heat Exchangers & Filters.

Dates : From Jul. 1994 till Oct. 1997
Employer : EEA
Project : Cairo West Power Station
Job title : Turbine Maintenance Engineer
Job Description :

- Following up the construction of steam turbine project (2x330MW) supplied by SIEMENS Co. during erection stages, commissioning and start-up according to the contract technical specification.
- Review all the contract material arrived to site with the contract drawing.
- Estimating five years operation spare parts needed for the plant.
- Maintenance of turbine and aux. after turnover:
 - Regular preventive maintenance program for the main turbine 330MW SIEMENS design and aux.

Dates : From Jan. 1993 till Jun. 1994
Employer : ABB SAE SADELMI
Project : Cairo West Power Plant units 5 & 6 (2x330MW)
Job title : Mechanical Engineer
Job Description : Follow up the installation, commissioning and start-up for the following:

- Demi plant units.
- Water pre-treatment.
- Condensate polishing.
- Chemical dosing units.

Dates : From 1982 till Jan. 1993
Employer : EEA
Project : Shoubra El-Kheima Power Plant (4x315MW)
Job title : Mechanical Maintenance Engineer
Job Description :

- Following up the construction of steam turbine project (4x330MW) supplied by Westinghouse Co. during erection stages till commissioning, start-up and issuing the construction, completion certificate (C.C.C.), taking over and acceptance certificate (T.O.A.C.) and final acceptance certificate (F.A.C.).
- Maintenance of turbine and aux.:
 - Regular preventive maintenance program for the main turbine 330MW Westinghouse design and aux. turbine system as follows:
 - Seal steam system.
 - Lube and control oil system.
 - Circulating water system.
 - Condensate and feed water system.
 - Condenser vacuum and water box priming system.
 - Main boiler feed pumps (677m³/hr, 200 bar).
- Estimating five years operation spare parts needed for the plant.