

Holds a B. Sc. in Mechanical Power Engineering and a Diploma in Refrigeration and air conditioning. Has over 25 years hands-on experience in maintenance and construction of gas turbines as well as steam turbines (various models) in power plant and heavy industries.

PERSONAL DATA

Nationality : Egyptian
Marital Status : Married

EDUCATION

- : B. Sc. in Mechanical Power Engineering, 1987
- : Diploma in Refrigeration and air conditioning, Cairo University
- : Vibration analysis measurements and control, fault detection and diagnosis of rotating machine and balancing of rotating machinery, Higher Technological Institute

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

- : Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Course for HRSG (heat recovery steam generator) operation and maintenance for Cairo North Combined Cycle Power Station (2 GT 250MW, and 250MW Steam turbines, NETHERLANDS).
- : Course for DREHMO valve actuators, commissioning, maintenance and service, GERMANY.
- : Course for assemble and maintain the IGEMA transparent level gauges and liquid gauges, GERMANY.
- : Course for career health and safety.
- : Course for instructor development.
- : Course for civil defense.
- : Safety & health training course OSHA construction industry safety & health standards (29 cfr 1926).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2010 till Oct. 2012
Employer : Orascom Construction Industries Algeria (OCIA)
Project : New Power Generation Plant 3x400MW single shaft power train
Job title : Senior Mechanical Engineer
Job Description :

- I was assigned to supervise the power block work to assembly of the gas turbine GT26 270MW ALSTOM type and their auxiliaries.
- Steam turbine two casing with three pressure level 130MW & steam turbine valves.
- Hydrogen cooled generator & generator auxiliaries.
- Condenser, condensate pump, condenser evacuation system, gland steam condenser & tube cleaning system.
- Follow procedure, take all measurements according inspection & test plan ITP.
- My supervision is also extended to install the main cooling pumps, transfer pumps, closed cooling pumps & heat exchangers.

Dates : From Oct. 2008 till Dec. 2009
Employer : Misr Company for mechanical and electrical projects (Kahromica)
Project : 750MW Combined Cycle Power Plant
Job title : Mechanical Construction Superintendent
Job Description :

- I was assigned as the Mechanical Construction Superintendent, my main assignment is the assembly of ALSTHOM 250MW steam turbine in addition to the relevant AISTOM steam condenser & water cooled generator.
- My supervision is also extended to the turbine and condenser auxiliaries such as the lube oil system & purifiers, the vacuum pumps and the condensate pumps.
- The construction phase in my work experience have add great values such as the art of managing skilled crew of different categories not only equipment but also piping and their supports, etc. and how to enforce every body into a common goal which will definitely add a credit to my managerial capabilities.

Dates : From Apr. 2005 till Aug. 2008
Employer : Saudi Electricity Company
Project : Jeddah Power Plant
Job title : Mechanical Maintenance Supervisor
Job Description :

- In this gas turbine power plant, where ABB (Asia Brown Bovary) gas turbine & GE (General Electric) I was responsible for performing all maintenance work for all rotating equipments, Hydraulic power systems, vibration analysis, balancing, shaft alignment, Heat exchanger & Valves.
- Performing all maintenance work for plant auxiliary systems, plant water system, lube oil storage sys & fire fighting system.
- Prepared and presented short courses for engineers and technicians in Hydraulic system and troubleshooting, Gas Turbine operation and maintenance, Pumps & Air condition.

Dates : From Dec.1996 till Apr. 2005
Employer : Cairo Electricity Company
Project : Wadi Hof G.P.P.
Job title : Plant Maintenance Engineer
Job Description : In this gas turbine power plant, where ABB (Asia Brown Bovary) gas turbine type – 9 each of 34MW gross capacity, I have been assigned as the Maintenance Supervisor, my duties include handling all the recommended preventive and predictive maintenance programs, carry out all recommended inspections, handling all corrective maintenance and finally managing the units' overhauls.

Dates : From Feb. 1992 till Dec.1996
Employer : Cairo Electricity Company
Project : Wadi Hof G.P.P.
Job title : Shift Charge Engineer
Job Description : I had been charged as a Shift Engineer in Wadi Hof Gas Power Plant. Since my early experience days in gas turbine fields, I have got familiar with all operation modes in these frame –9 units in an outstanding level.

Dates : From Mar. 1991 till Feb. 1992
Employer : Cairo Electricity Company
Project : Cairo East G.P.P.
Job title : Shift Engineer
Job Description : In this gas turbine power plant, GE (General Electric) frame –5, each of 25MW gross capacity, I had start my first steps in that gas turbine carrier, I started as an Operation Engineer where I monitor the units while operations, in addition I got familiar with all control room operation tasks.

Dates : From Apr. 1990 till Mar. 1991
Employer : Misr for engineering projects
Project : Pre-fabricated sandwich panels factory
Job title : Mechanical Maintenance Engineer
Job Description : In this factory, I was responsible to maintain the mechanical and hydraulic equipments in the production trains of the pre-fabricated sandwich panels' factory which includes roll- forming lines, painting lines, foam injection lines, hydraulic shears, hydraulic press machines and air condition.

Dates : From Oct. 1987 till Mar. 1990
Project : Military Service
Job Description : Substitute Officer in the Armed Forces.