

Holds a B. Sc. in Mechanical Power Engineering and has over 11 years hands-on experience, mainly in construction and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/06/1979
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2003

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Steam Turbine Maintenance.
- : Auxiliaries of Steam Turbine Maintenance.
- : Training course for maintenance, operation & commissioning of gas turbine (Mitsubishi), Japan, Jul./Aug. 2008.
- : Training course for maintenance, operation & commissioning of combined cycle power station (Mitsubishi), Egypt, 2009.
- : Training course for maintenance, operation & commissioning of auxiliaries gas turbine & combined cycle power station (Toshiba) in Egypt.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2013 till now
Employer : West Delta Electricity Production Company
Project : Sidi Krir Power Station
Job title : Maintenance Engineer in turbine department

Job Description :

- Leader for Turbine inspection major (48000 hours) lifting shaft.
- Maintenance Engineer in Gas turbine, auxiliaries, piping and valves.
- Maintenance and operation pump (centrifugal, condensate, diaphragm, screw, sump, gear, piston).
- Preventive, periodic and general maintenance.
- Alignment of pumps and rotating equipments (dial indicator method, filler method).

Dates : From Oct. 2011 till Jul. 2013

Employer : West Delta Electricity Production Company

Project : Sidi Krir Power Station

Job Description :

- Leader for Turbine inspection & two combustor inspection and Major inspection of Mitsubishi Gas Turbine (2x250MW).
- Consumables Arrangement.
- Compressors (Air Comp and Hydrogen Comp) maintenance.
- Maintenance of pumps.

Dates : From Oct. 2008 till May 2011

Project : Sidi Krir Power Station Combined Cycle 750MW

Job title : Project Engineer

Job Description : Toshiba Co. (CP-118):

- Installation for all piping for DLN retrofit to match the DLN such as atomizing air system, purge system, cooling and sealing air system, cooling water system, liquid fuel system, gas fuel system and purge air cooler system.
- Performing Hydro test, and pipe cleaning.
- Carry out all commissioning.
- Management and surveying Mechanical Contracts.
- Reviewing the supporting documents for MRR and RFI.
- Control the spare parts planning and purchasing.
- Fabricate, install and maintain the different plants:
 - Factory inspections.
 - Adjusting of pipes level (Hi-lo) and its Connection (Flanges, Bell Spigot, ...etc.).
 - Piping Coat tests (Rapping, Painting and galvanization).
 - Piping tests (Leak test, Hydro test, Holiday test, Adhesive test and DFT).
 - Welding: reviewing WPS & PQR and applying (VT, PT or RT).
 - Pressure Vessels (Pressure test).
 - Pressure Vessels Coating internal and external tests (DFT, WFT, Shore test).
 - Check pumps' alignment and its strain (Dial indicator method, Filler method).

MEGA:

- Lead Mechanical Construction Engineer & Piping Engineer.
- Installing underground piping for (GT, STG & HRSGS) combined cycle power station 750MW.
- Material control according to standard & contract.

Dates : From Jun. 2007 till Jul. 2008
Project : Sidi Krir Power Station Combined Cycle 750MW
Job title : Project Engineer
Job Description :

- Material control according to standard & contract.
- Revision drawing P&IDs for mechanical equipment.
- Installation piping & rotor and static mechanical equipment (Arrangement, leveling, centering and grouting procedure and specification) Alignment rotor mechanical equipment.
- Test of piping & equipment after installation.
- Pre-inspection and final inspection to piping and equipment.
- Pre-commissioning and final commissioning to piping and equipment.
- Steam blow lines and valves.

Dates : From Oct. 2006 till May 2007
Employer : West Delta Electricity Production Company
Project : Sidi Krir Power Station (Steam turbine (2x620MW) manufactured by Siemens Company - Germany)
Job title : Steam Turbine Maintenance Engineer
Job Description :

- Maintenance of pumps.
- Alignment of equipment (Dial indicator method, filler method).
- Heat exchanger maintenance.
- Maintenance of valves (Butterfly, Globe, Gate, Relief, Check, Ball, Diaphragm, Plug, Pneumatics valves).
- Maintenance of air and service compressor.

Dates : From Oct. 2003 till Jul. 2006
Job title : Mechanical Engineer in Chromic construction
Job Description : Supervisor & Maintenance Engineer in Manufactures various in Borg Al Arab and Free Zone in Egypt:

- Close supervision with the sub-contractor to guide and check their work if it is within the project tolerance and standard.
- Supervised for the erection of Structural Pipe Rack, Boiler Steel Structure, Flare, Gas Duct Support, Air Cooler Racks, and Equipment Racks.
- Instruct sub-contractor at site for the correct erection of piping and beams and columns.
- Inspect and check all the structural racks prior to the acceptance by the client.
- Prepare a punch list items for the remaining works.
- Monitor the status of all on-going works at the main process area.
- Prepare pipe rack progress report and status of the on-going work and report to the construction managers and project control department.
- Supervised/Instruct workers at site for the correct implementation as per Project Standard for the erection of steel structure.
- Inspect and check all the structural racks prior to the acceptance by the client.
- Prepare a punch list items prior to the completion.
- Supervised the installation of piping works of the project.
- Monitor the status of all on-going projects at the main process area.

- Prepare Progress report/status of the project, repair & extra works, detail estimate of construction materials, progress claims and other correspondence.
- Prepare daily report of the project.
- Assist and support technically the supervisors.

- Field of experience :**
- Fabrication and erection turbine, auxiliaries, piping and steel structure.
 - Prepare piping, supports and pipe rack.
 - Fabrication, spooling, erection drawing and material list.
 - Prepare pressure test package.
 - Prepare P&ID pressure test circuit limits.
 - Prepare and erection all skids.
 - Commissioning & Start-up Engineer.
 - Operation Engineer.
 - Make flashing, chemical cleaning and Steam blow down.
 - Maintenance Engineer and make alignment for mechanical equipments.
 - Supervision of the execution the contract.
 - Fire fighting System & Foam Fire fighting System.
 - Deluge System Fire fighting & Fire Pump Systems.