

103011-MEC-18GM-E-1992
Senior Mechanical Maintenance Engineer

Holds a B. Sc. in Mechanical Engineering and has about 22 years hands-on experience working mainly in maintenance field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/07/1967
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 1992

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : ICDL
- : Off-shore Training by Ansaldo Energia Company in Genoa, Italy for Maintenance of Steam Turbine, Condenser, Generator and Auxiliaries (Oct./Nov. 2008).
- : On-shore Training by Mitsubishi Heavy Industries Ltd. for Maintenance of Gas Turbine , Generator and Auxiliaries (Apr./May 2009).
- : On-shore Training by Ansaldo Energia Company for Maintenance of Steam Turbine, Condenser, Generator and Auxiliaries (May/Jun. 2010).
- : On-shore Training by Toshiba Plant Systems and Services Corporation and Toyota Tsusho Corporation (Mechanical Equipment / Pipe Installation Contractor for Sidi Krir Power Station 750MW Combined Cycle Project):
 - Fuel Oil Treatment System (GEA) (Sep. 2010).
 - Emergency Diesel Generator (MHI) (Sep. 2010).
 - Bar Screen and Trash rake (EIMCO) (May 2010).
 - Control Valves (KOSO) (May 2010).
 - Service Gas System (UNION GAS) (Feb. 2010).
 - Horizontal Pumps and Vertical Sump Pumps (FLOWTECK) (Feb. 2010).

- Compressed Air System including Service Air Compressors, Instrument Air Compressors And Air Dryers (COMPAIR) (Feb. 2010).
- : On-shore Training by EBARA Corporation (Pumps Contractor for Sidi Krir Power Station 750MW Combined Cycle Project) (3 weeks) for the following:
 - HP/IP Feed Water Pumps.
 - LP Feed Water Pumps.
 - Condensate Water Pumps.
 - Circulating Water Pumps.
 - Service Water Pumps.
- : Combined Cycle Construction Course (2 weeks) – Abu Qir Training Center.
- : Common Technical Problems for Steam Power Plant (1 2eek) – Sidi Krir Power Station.
- : Steam Turbine Maintenance (2 weeks) – Sidi Krir Power Station.
- : English Language Study – Levels C, D and G – Abu Qir Training Center.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2007 till now
- Employer** : West Delta Electricity Production Company (WDEPCo.)
- Project** : Sidi Krir Combined Cycle (750MW), Alexandria
- Job title** : Senior Maintenance Engineer
- Job Description** :
 - Receive and review the work orders, drawings of the work pieces, determine and supervise the manufacturing or repair steps including machining, Welding and thermal cutting processes.
 - Supervise and record the performance of workers and equipments.
 - Supervise and carry out the preventive maintenance activities and repair activities for the manufacturing equipments.

- Dates** : From 1998 till 2007
- Employer** : West Delta Electricity Production Company (WDEPCo.)
- Project** : Sidi Krir Power Plant (2x320MW), Alexandria
- Job title** : Boiler Maintenance and desalination operation and maintenance (for 3 years), Steam Turbine and Auxiliaries Maintenance Engineer (for 6 years)
- Job Description** :
 - Steam Turbine & Auxiliaries Maintenance Engineer:
 - Supervise and carry out the preventive maintenance activities and repair activities for rotary equipments and pumps in utilities scope during normal operation and plant shut down & inspections and repair work for static equipments, to insure reliable operation in safe conditions.
 - Inspection and check for:
 - Periodic Inspection for cracks in rubber line spools with spark test device.
 - Condenser water box rubber coating - debris filter rotating parts and structure.
 - Condenser hotwell and condensate side baffle plates, deflectors, expansion joints and nozzles, also structure welding joints and internal supports.
 - High and low pressure valve internal parts inspection.
 - Periodical check for the ware house to insure spare parts stock

available and in good storage conditions. Inspection of supplied spare parts to insure that the spares are according to size and technical specification stated in contract.

- Yearly preventive maintenance of the following equipments:
 - Horizontal pumps (such as closed cooling water, demi water and feed water pumps).
 - Vertical Pumps (such as condensate, circulate, service and Waste water pumps).
 - Emergency diesel generator.
 - Valves.
 - Heat exchangers
 - Rotating Filters (such as debris, self cleaning and travelling screen filters).
 - Trash Rakes.
- Maintenance Workshop Engineer:
 - Receive and review the work orders, parts drawings, determine and supervise the manufacturing or repair steps including machining, Welding and thermal cutting processes. Supervise and record the performance of workers and equipments.
 - Supervise and carry out the preventive maintenance activities and repair activities for the workshop equipments.
 - Work with all departments to solve them maintenance problems during normal operation and plant shut down.

- Dates** : From 1995 till 1998
- Employer** : West Delta Electricity Production Company (WDEPCo.)
- Project** : Abu Qir Power Plant, Alexandria (4x150MW + 300MW Units)
- Job Description** :
- Mechanical Engineer (Site Engineer – Construction) for:
 - Mechanical Installations contract Package.
 - Combustion Turbine Generator contract Package (two Mitsubishi Gas Turbines of 250MW Rated Power).
 - Steam Turbine and Condenser contract package (one Ansaldo Steam Turbine of 250MW Rated Power).
 - Manage contract packages execution as follows:
 - Review the submittal documents and drawings sent by the successful contractors with specifications.
 - Discuss with consultant about contract issues arised with contractor like change notices or contract deviation disposition requests (CDDR).
 - Review Spare parts lists recommended from the Owner Side and also from contractor side if exist from sectional drawings to insure that its breakdown is sufficient or not.
 - Follow MRRs (Material Receiving Reports).
 - Follow and audit Equipments and Piping Systems construction site daily activities and Preventive Maintenance until Taking Over and Acceptance Certificate (TOAC) including but not limited to the following Systems:
 - Compressed Air System.
 - Closed Cooling Water System.
 - Service Water System.
 - Service Gas System.

- Potable Water System.
- Demineralized Water System.
- Condensate Water System.
- Waste Water System.
- Main Steam System.
- Steam Blow System.
- Feed Water System.
- Circulating Water System.
- Lubricating Water System.
- Fuel Gas System.
- Fuel Oil System.
- Emergency Diesel Generator.
- Follow Penetration Tests, Hydrostatic Tests for system lines and heat run for motors.
- Review monthly progress reports.
- Prepare a weekly site progress report.
- Follow and record the Preventive Maintenance for all Systems of Mechanical Equipment / Pipe Installation Contract.