

100949-MEC-CGM-E-1985
Chief Sector of Inspection & Quality Control

Holds a B. Sc. in Mechanical Power Engineering and has over 31 years hands-on experience working in maintenance, construction and management.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/07/1962
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 1985

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Balancing of rotating element, Cairo, E.E.A. under supervision of (USAID).
- : Off-shore Training for Operation of Desalination Plant (Babcock Hitachi - JAPAN) Sidi Krir Power Plant units (1 & 2) (2 weeks).
- : On-site training – Water & Waste Water Treatment E.M.I.T., Sidi Krir Power Plant units (1 & 2) (2 weeks)
- : On-site training – Operation of Boiler, Alex, Babcock & Wilcox, Sidi Krir Power Plant units (1 & 2) (2 weeks).
- : Windows and Microsoft Office at Information Technology Institute, Alexandria (1 month).
- : Development of Management Skills and Leadership at Leadership Development Center (EEHC) (Mar. 2012).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2017 till now
Employer : West Delta Electricity Production Co.
Job title : Chief Sector of Inspection & Quality Control

- Job Description** : Assure that all activities will be implemented in accordance with its rules.
- Dates** : From Mar. 2011 till Feb. 2017
- Employer** : West Delta Electricity Production Co.
- Project** : Sidi Krir Combined Cycle Power Plant (750MW)
- Job title** : Turbine Maintenance Department, General Manager
- Job Description** :
- Management of the close out of the some contract packages such as:
 - Gas Turbine Contract (CP-101).
 - Gas Turbine Long Term Supply & Service Agreement, along 6 years from starting time.
 - Steam Turbine Contract (CP-106).
 - Pumps & Drivers Purchase Order.
 - Critical Piping & Valves Purchase Order.
 - Mechanical Installation Equipment Contract.
 - Management and supervise all maintenance program for the following:
 - Two gas turbines (2x250MW, Mitsubishi-Japan) including all its auxiliaries (air intake filters, plus air compressors, purge air compressors, lube oil system, control oil system, generator seal oil system & diverter damper system).
 - One steam turbine (1x250MW, Ansaldo-Italy) including all its auxiliaries (lube oil system, control oil system, generator seal oil system, condenser & condenser vacuum system).
 - All plant BOP (circulating water system, service water system, sea water intake filtration system, HP/IP feed water pumps, LP feed water pumps, service air compressors & instrument air compressors).
 - Evaluated, negotiated, and signed by initial letters for the renewal 2nd Long Term Service & Supply Agreement with Mitsubishi Hitachi Power System for two gas turbines.
 - All procurement work related to the above mentioned equipments, its spare parts.
- Dates** : From Oct. 2008 till Feb. 2011
- Employer** : Arabian Consultant & Engineering Service Co. (Acesco)
- Project** : Misurata Combined Cycle Power Plant 750MW – Libya (2x250MW Gas Turbine + 2 Heat Recovery Steam Generator + 1x250MW Steam Turbine)
- Job title** : Site Manager
- Job Description** :
- Responsible for all site management including supervision of discipline construction managers & field engineers.
 - Oversee all construction work including but not limited all civil, architecture, electrical, instrumentation, ...etc. related to 2 gas turbine generator including its auxiliaries, 2 Heat Recovery, one steam turbine generator including its auxiliaries, all related piping work including welding, hydro test and piping supports, and all its Balance Of Plant work including all systems (HP feed water system, LP feed water system, circulating water system, service water system, 2 desalination plant 5000 ton/day/each, firefighting system, injection hypochlorite system, HVAC, ...etc.) including all piping work (welding, hydro test, piping supports, ...etc.) for all type of piping (critical/noncritical piping, FRP/PVC/HDPE & underground piping) to assure that all mentioned

work will be executed according to the related contracts specifications and to the related standards.

- Coordinate & manage construction schedule.
- Manage & organize weekly meeting between Owner / Contractor / Acesco to monitor site work progress & resolve any construction difficulties that requires management decision.
- Forwarding the field change notice to Acesco head office for review, approval & record.
- Direct overall project safety program & ensure strict adherence to regulatory safety codes.

Dates : From Nov. 2006 till Sep. 2008
Employer : West Delta Electricity Production Co.
Project : New Sidi Krir Power Plant Project (750MW) Combined Cycle
Job title : Contract Administrator
Job Description :

- Review technical tender documents.
- Receive and assist in evaluation of tenders to determine the successful bidder.
- Review, resolve and negotiate costs due to scope changes and change orders/variation orders.
- Assist and coordinate the review/approval of technical issues embodied in contract documents, including budgets approve.

Dates : From May 2006 till Oct. 2006
Employer : West Delta Electricity Production Co.
Project : Sidi Krir Power Plant (2x320MW)
Job title : Senior Mechanical Engineer
Job Description :

- Contract Administrator for steam turbine (2x325MW "Siemens") including its auxiliaries, and Contract Administrator for Balance of Plant contracts.
- Turn over package from Contractor to Owner.
- Commercial operation under Owner Responsibility: Carry out the following activities to assure that all related work will be executed to the related operation & maintenance manuals:
 - Prepare preventive maintenance program for all equipments.
 - Prepare training course for engineers and technicians.
 - Prepare planning for preventive maintenance & related consumable's spare parts.
 - Control manpower and organize the Activities.
 - Advise for staff for safety and work requirements, during maintenance work.

Dates : From Dec. 2005 till Apr. 2006
Employer : SIEMENS
Project : New Talkha (750MW) Combined Cycle Power Plant (Siemens Scope)
Job title : Mechanical Construction Manager
Job Description : Supervise construction & installation of all mechanical equipment:

- Main gas turbines & its generators (2x250MW) Siemens.
- Air compressors, air receivers & air dryers.

- Closed cooling water pumps.
- Services water pumps.

Dates : From Apr. 1998 till Nov. 2005
Employer : West Delta Electricity Production Co.
Project : Sidi Krir Power Plant (2x320MW)
Job title : Senior Mechanical Engineer
Job Description :

- Contract Administrator for steam turbine (2x325MW "Siemens") including its auxiliaries, and Contract Administrator for Balance of Plant contracts.
- Turn over package from Contractor to Owner.
- Commercial operation under Owner Responsibility: Carry out the following activities to assure that all related work will be executed to the related operation & maintenance manuals:
 - Prepare preventive maintenance program for all equipments.
 - Prepare training course for engineers and technicians.
 - Prepare planning for preventive maintenance & related consumable's spare parts.
 - Control manpower and organize the Activities.
 - Advise for staff for safety and work requirements, during maintenance work.

Dates : From Aug. 1986 till Apr. 1998
Project : Siouf Power Plant (2x25MW Siemens + 2x30MW Skoda)
Job title : Mechanical Maintenance Engineer
Job Description :

- Review as per operation and maintenance manual the recommended spare parts and prepare the procurement of the shortage spare parts which recommended for preventive and predictive maintenance.
- Supervision for mechanical maintenance for the following:
 - Circulating water pump (KSB & SULSAR).
 - Feed water pump (KSB).
 - Condensate water pump (ALBERG).
 - Compressors (Screw Type ATLAS COPCO).
 - Valves & Heat Exchangers (Shell and Tube type).
- Prepare the Planning Maintenance Program for Major Overhaul of the following:
 - Retubing of one condenser (6000) tubes.
 - Chang over the rotor for one turbine (30MW SKODA).
 - Reloading 5 raw for one turbine (30MW SKODA).
 - Realignment for the turbines rotors.

Skills:

Highly skilled in the interpretation of contracts, evaluation of the tenders, overseeing all stages of construction of all equipments, leadership team, all acts of maintenance according to the O&M manuals, identification & procurement of spare parts for equipment.