

100668-MEC-148CEMOSYmq-E-2003

Deputy Mechanical Manager

Holds a B. Sc. in Mechanical Power Engineering and has about 18 years hands-on experience in EPC projects (Construction, Project Control, Commissioning, Warranty & Maintenance) (Oil & Gas, Power Plants).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/05/1981
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD 2D & 3D
: MS Project 2007
: Primavera 3 & 6
: Visual Basic

TRAINING COURSES AND CERTIFICATIONS

: Cert Prep: Project Management Professional (PMP).
: Project Leadership.
: New Manager Foundations.
: Strategic Thinking.
: Critical Thinking.
: Microsoft Visual Studio (Visual Basic) course (2012).
: Microsoft Office (Access) course (2011).
: Primavera P6 for Planning & Project Management Applications (2010).
: Microsoft Project 2007 level 1 & 2 for Planning & Project Management Applications (2009).

- : Primavera P3 for Planning & Project Management Applications (2008).
- : AutoCAD 2D & 3D courses (2008).
- : 10 hours (Occupational Safety and Health Administration) in OSHA construction & general (29CFR1926-29CFR1910) (2008).
- : English courses (upper intermediate level) (2007-2008).
- : Commissioning and installation for combined power plant.
- : Commissioning and installation for steam power plant.
- : Vibration fundamental.
- : ICDL

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2019 till now
- Employer** : SIEMENS
- Job title** : Deputy Mechanical Manager
- Job Description** :
- Plan and direct all aspects of mechanical engineering activities within an organization.
 - Review mechanical engineering staff performance periodically.
 - Implement and manage all technical procedures for maintenance activities.
 - Inform technical staff of Division and engineering goals and business performance.
 - Adhere to daily and weekly checks to ensure smooth operation of site.
 - Develop a Planned Preventative Maintenance (PPM) schedule, ensure full preventative maintenance is carried out.
 - Manage unplanned work resulting from breakdown, malfunction and emergencies.
 - Manage the mechanical team and mechanical activities to ensure plant availability.
 - Manage systems and equipment data storage and maintain high levels of standards and accuracy.
 - Attend various meetings and action/communicate instructions.
 - Perform root cause analysis and resolve problems with support from back office.
 - Manage contractors on site to ensure they meet company requirements.
 - Review the annual Maintenance budget and forecasts and all Capital spares as well as ensuring compliance with company standards.
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- Dates** : From Nov. 2017 till Mar. 2019
- Employer** : SIEMENS
- Project** : Burullus Combined Cycle Power Plant (4800MW)
- Job title** : Mechanical Technical Field Advisor (TFA)
- Job Description** :
- Preparation of plant for Hydrotest, chemical cleaning and steam blowing.
 - Reinstatement activities of 8 CTG, 4 STG & 8 HRSGs for (control valves – check valves – attemperators – flow meters orifice – strainer) ... HP valves – Daume – Curtiss wright – IMI valves.

- Troubleshooting and Maintenance of all types of valves (Lapping / assembly / disassembly).
- Assist contractors with the preparation of method statements to meet permit requirements.
- Installation of valves inserts (hydro plug) before hydrotest and permeant inserts for steam blowing and operation.
- Review the mechanical test pack and punches clarification, ensure work of contractors is carried out safely and efficiently in a competent manner and they adhere to the Permit to Work System (PTW).

Dates : From Oct. 2015 till Sep. 2017
Employer : Toyo Engineering Corporation
Project : ETHYDCO, Egypt
 EthydcO is biggest petrochemical factory in Egypt (460,000 Ton/Year ethylene and 20,000 Ton/Year butadiene).
Job title : Lead Mechanical Engineer
Job Description :

- My scope of work is a machinery equipment package in EthydcO factory.
- Installation of all Rotating Mechanical Equipment (arrangement, leveling, centering, cold and hot Alignment and Mechanical Run Test, troubleshootings).
- Installation, commissioning, start-up and maintenance of TurboExpander Recompressor (EC0201).
- Installation, commissioning, start-up and maintenance of Pumps (centrifugal – canned – dosing - Sundyne - progressive cavity - submerged) NIKISSO - KSB – Flowserve – Lewa – Seepex – Sulzer - Goulds.
- Installation, commissioning and maintenance of Steam Turbine (Shinko – Dresser rand).
- Installation, commissioning, start-up of compressors (MCO - Kobelco - GE).
- Installation, commissioning and maintenance of FDF & Air cooler (Aeromeccanica - KHE).

Dates : From Dec. 2014 till Oct. 2015
Employer : Unaoil Group
Project : Zubair 1, Tuba and PS1 (3x25MW CTG) GE MS5001PA (Basra, Iraq)
Job title : Construction Mechanical Superintendent
Job Description :

- Installation and pre-commissioning of all the Mechanical work of 3 GTG GE (MS5001PA) (Turbine skid, Generator skid, Water wash skid, Filter house, inlet duct, Exhaust, stack, Fin fan cooler, Inlet and exhaust plenum, ventilation, Gas skid, air Dryer vessel, Black start diesel).
- Installation of Electrical House Steel Structural Platforms, Stairs Shelters & Transformer shelter.
- Carry out and review the mechanical construction activities of the EPC Contractors to ensure that all mechanical construction activities are carried out safely and fully in accordance with Company's HSE and technical requirements.
- Follow up the erection progress and updating of the activities daily for the client.

- Installation rotor & static mechanical equipment (arrangement, leveling, centering and grouting procedure and specification).

Dates : From Jun. 2011 till Nov. 2014
Employer : NEM Energy
Project : Sidi Krir Power Station
 (consist of 2x320MW thermal cycle + 750MW combined cycle)
Job title : Senior Mechanical Engineer (Warranty & Maintenance)
Job Description :

- Follow up and guarantee the components of (HRSGs) against the malfunction defects.
- Prepare of final Inspection schedule before final certificate for contractors.
- Close the punch items and Warranty claims before final certificates.
- Maintenance Activities for HRSGs.
- Management of commissioning spare parts (consumed during warranty period) and owner spare parts.
- Review all the materials delivered to the site and check it with drawings.

Dates : From Dec. 2010 till Mar. 2011
Employer : MEGA
Project : Damietta Power Station
Job title : Senior Construction Engineer (Mechanical Work – CTG & BOP)
Job Description :

- Installation and pre-commissioning of all the Mechanical work of 4 GTG GE (frame 9E) (Turbine skid, Generator skid, Water wash skid, Filter house, inlet duct, Exhaust, stack, Fin fan cooler, Inlet and exhaust plenum, ventilation, Gas skid, air Dryer vessel, Black start diesel).
- Carry out and review the mechanical construction activities of the EPC Contractors to ensure that all mechanical construction activities are carried out safely and fully in accordance with Company's HSE and technical requirements.
- Prepare & management of lifting plan for all equipment & heavy lifting work.
- Prepare the method of statement for all the erection work according to specification of client.
- Carry out inspection as per approved Inspection and Test Plan (ITP).
- Review and support mechanical spares procurement.
- Carry out the hand over check list for rotating and static mechanical equipment to Owner.
- Participate in toolbox talks relating to mechanical construction activities carried out by the contractors.
- Follow up the erection progress and updating of the activities daily for the client.
- Attending of all contractual, coordination and progress meetings.

Dates : From May 2010 till Dec. 2010
Employer : PSC / Degremont
Project : Alexandria East Waste Water Treatment Plant
Job title : Senior Mechanical Engineer

Job Description :

- Installation of all Rotating Mechanical Equipment (arrangement, leveling, centering, cold and hot Alignment and Mechanical Run Test, troubleshootings).
- Follow up the erection progress and updating of the activities daily for the client.
- Make the S – curves for mechanical work & piping progress (fabrication – erection).
- Management of the resources with construction team to catch the schedule.
- Attending of all contractual, coordination and progress meetings.
- Prepare the method of statement for all the erection work according to specification of client.
- Prepare the lifting plan for all equipment & heavy lifting work.
- Attending in the walk down during test with consultant and owner to make the punch list.
- Make P&I check to make handover for each system from construction to commissioning.
- Extra work monitoring.

Dates : From Dec. 2008 till May 2010

Employer : NEM

Project : Sidi Krir Power Station

Job title : HRSG Construction Engineer

Job Description :

- Erection of HRSG (Steel structure - harps - HP, IP, LP drums - blow down system - expansion joints – piping - dosing system - CEMS unit - insulation).
- Make a daily, weekly, Biweekly and monthly reports including (Man power, equipment, schedule, S – curves & critical activity).
- Follow up the erection progress and updating of the activities daily for the client.
- Management of the resources with construction team to catch the schedule.
- Attending of all contractual, coordination and progress meetings.
- Controlling of all document's revision for the project (from rev. 0 to as built).
- Review all the materials delivered to the site and check it with drawings.
- Participate in toolbox talks relating to mechanical construction activities carried out by the contractors.
- Follow up the erection progress and updating of the activities daily for the client.
- Attending of all contractual, coordination and progress meetings.
- Review all the materials delivered to the site and check it with drawings (MTL).

Dates : From Dec. 2004 till Dec. 2008

Employer : West Delta for Electricity Production Company

Project : Sidi Krir Power Station

Job title : Technical Office Engineer

Job Description :

- Make an archive for all drawings for 8 power stations belong to WDEPCo.

- Making the MPIS (Maintenance Procedure Information System) for all equipment in the plant.
- Make the inspection report of the plant (every month, every 3 months).
- Making the predictive maintenance procedure for all equipment to prevent any damage in future.
- Following up the overall maintenance procedure for all equipments.
- The ordinary maintenance work (Valves (all types in boiler) – pumps (Dosing & recirculation) – welding – insulation - sample system - chemicals tanks and ...etc.).

Dates : From Dec. 2003 till Mar. 2004
Employer : Mantrac
Job title : Sales Office Engineer (Department: Power systems for medium speed diesel engine 11KV (CAT engine))
Job Description :

- Reviewing the tender from client to make technical offer.
- Prepare the engine specification as client requirement.
- Prepare all the engine tools as client requirement.

Summary:

- Qualified Mechanical Engineer with about 18 years experience in EPC projects (Construction, Project Control, Commissioning, Warranty & Maintenance) (Oil & Gas, Power Plant).
- Execute, monitor, review and approve the mechanical construction activities of the EPC Contractors to ensure that all mechanical construction activities are carried out safely, quality, within budget, on schedule and fully in accordance with Company's HSE and technical requirements.