

100668-MEC-148CMOSYq-E-2003

Construction Mechanical Superintendent

Holds a B. Sc. in Mechanical Power Engineering and has over 13 years hands-on experience in EPC projects (Construction, Project Control, Commissioning, Warranty & Maintenance) (Oil & Gas, Power Plant).

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

: 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).
: English courses (upper intermediate level) (2007-2008).
: Commissioning and installation for combined power plant.
: Commissioning and installation for steam power plant.

- : Vibration fundamental.
- : 10 hours (Occupational Safety and Health Administration) in OSHA construction & general (29CFR1926-29CFR1910) (2008).
- : ICDL

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2015 till now
Employer : Enppi /Global Toyo (Joint Venture)
Project : ETHYDCO, Egypt
 Ethydco is biggest petrochemical factory in Egypt (460,000 Ton/Year ethylene and 20,000 Ton/Year butadiene)
Job title : Construction Mechanical Superintendent (Mechanical Work – Rotating Equipment)
Job Description : Scope of Work: Rotating Equipment Package (steam turbines – Fans – pumps – Agitators).

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 (Mechanical Work – CTG & BOP)
Job Description : Scope of Work: Erection of 3 CTG (GE oil & gas – Nuovo Pignone).

Dates : From Aug. 2011 till Nov. 2014
Employer : West Delta Electricity Production Co.
Project : Sidi Krir Power Station
 (consist of 2x320MW thermal cycle + 750MW combined cycle)
Job title : Senior Mechanical Engineer (Warranty Engineer)
Job Description : Scope of Work: Supervision of Warranty period of 2 Heat Recovery Steam Generators (HRSG).

Dates : From Dec. 2010 till Aug. 2011
Employer : MEGA
Project : Damietta Power Station
Job title : Senior Construction Engineer (Mechanical Work – CTG & BOP)
Job Description : Scope of Work: Construction of 4 Simple Gas turbines GE frame 9E (4x125MW).

Dates : From May 2010 till Dec. 2010
Employer : Degrémont S.A (France)
Project : Alexandria East Waste Water Treatment Plant
Job title : Senior Construction Engineer (Mechanical Work)
Job Description : Scope of Work: Phase 1 (Increase the existing treatment capacity of the plant by 190,000 m³/day), Phase 2 (consists of the addition of a 800,000 m³/day biological treatment).

Dates : From Nov. 2008 till May 2010

Employer : NEM (Netherlands)

Project : Sidi Krir Power Station

Job title : Senior Construction Engineer (Mechanical Work – HRSG)

Job Description :

- Scope of Work: Construction of 2 HRSGs units in 750MW Combined Cycle.
- 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 and pre-commissioning of all the Mechanical work of GTG GE (frame 9E & 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, commissioning, start-up and maintenance of Pumps (centrifugal – canned – dosing – Sundyne – progressive cavity – submerged) NIKISSO – KSB – Flowserve – Lewa – Seepex – Sulzer – Goulds.
- Installation, commissioning and warranty of Steam Boiler and HRSG (MACCHI - NEM).
- 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).
- Erection of HRSG (Steel structure - harps - HP, IP, LP drums - blow down system - expansion joints - piping - dosing system - CEMS unit - insulation).
- Experience in providing rotating equipment support to Operations and Maintenance within a functioning facility.
- 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 & review all recommendation of vendors (GE – MCO – Shinko – KSB – Flowserve – Lewa – Kobelco – Lummus – Nikisso – MACCHI – Ekato – Dresser rand – KHE – Aeromeccanica – AquaTech – Johnzink – Pennram – Seepex – sulzer – Goulds).
- 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).
- Assist with the management of hazards and risks associated with plant in the workplace and eliminate or minimise risks to health or safety through isolation and lock out tag out (LOTO).
- Carry out the hand over check list for rotating and static mechanical equipment to Owner.

- Review and support mechanical spares procurement.
- Support Project handover, including Rotating equipment discipline documentation.
- Preparing and Ensure the completion of quality, technical & O-M site documentations.
- 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.
- Make a daily, weekly, Biweekly and monthly reports including (Man power, equipment, schedule, S – curves & critical activity).
- Review all the materials delivered to the site and check it with drawings (MTL).
- Preparing and Performing Punch list follow up till client acceptance and final handover.
- Reviewing all the isometrics drawings and take all information like (No of field welds, Dia inches, spool no., material classification to follow up the work at site according to hydro test priority.
- Management of the resources with construction team to catch the schedule.
- Attending in the walk down during test with consultant and owner to make the punch list.
- Follow up and guarantee the components of (Rotating equipment and HRSGs) against the malfunction defects.
- Analyze mechanical problems and prepare detailed report for Vendor to find the root cause.
- Close the punch items and Warranty claims before final certificates.

Dates	:	From Jan. 2007 till Nov. 2008
Employer	:	West Delta for Electricity Production Company
Project	:	Sidi Krir Power Station 5 & 6
Job title	:	Mechanical Site Engineer (Owner)
Job Description	:	<ul style="list-style-type: none"> • I was the Owner Authorized Representative for following all construction activities concerning (2) HRSGs from beginning, release the shipments from the contractor's facilities to the site and review all submittals& transmittals for approval. • Check all the clauses in the offers from all nominated contractor to satisfy the owner requirements and select the best one (technical). • Reviewing the Design info. & drawings according to contract specification. • Reviewing all submittals and transmittals from contractor & Consultant. • Following up the work progress at site according to the contract specification. • Check the 2 years materials which cover the warranty period. • Reviewing the Method of statement (erection – lifting – welding). • Reviewing the cash flow diagram with actual progress at site. • Check all the materials with the drawing and contract (before sign MRR). • Check all the material list (spare parts list & special tools list). • Attending in the all discussion meeting with consultant & contractors.

Dates : From Nov. 2004 till Jan. 2007
Employer : West Delta for Electricity Production Company
Project : Sidi Krir Power Station 1 & 2 (2x320MW)
Job title : Maintenance Engineer
Job Description :

- Ordinary maintenance activities (CM-PM)
- The ordinary maintenance activities for (Valves – pumps – fans – boiler – Insulation ...etc.).
- Make an archive of all drawings for all equipment.
- Making the MPIS (Maintenance Procedure Information System) for all equipment in the plant.
- Make the inspection report of the plant (monthly, yearly).
- Following the supplier maintenance procedure for all equipment to prevent any future damage.
- Following up the overall maintenance procedure for all equipments.
- Make periodical Training for maintenance team (engineers – technician – labors).

Dates : From Dec. 2003 till May 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 over 13 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.