

105206-MEC-145CKVXY-E-2000

Mechanical Construction Lead

Holds a B. Sc. in Mechanical Power Engineering and has over 20 years experience in Oil and Gas Projects, Thermal and Gas Turbines Power Stations Projects. Has good mechanical construction experience especially in Piping System Installation, Equipment Installation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 03/10/1978
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2000

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD
: Using, programming and creating workflow apps with Lotus Domino
: Programming Apps using Visual Basic Ver. 6

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2017 till now
Employer : [EGYPTROL](http://www.egyptrol.com), GE Energy Subcontractor
Project : ASSIUT Combined Power Station 1500MW
The project is to convert Assiut simple power station to combined by adding 8 Doosan HRSG and 2 GE Steam Turbines.
Job title : Mechanical Construction Lead
Job Description : Manage and supervise the contractor Orascom for the mechanical construction activities of the 8 HRSG Installation:

- HRSG and BOP Piping installation, Test-Packs punching and releasing for testing, Hydrotesting, Reinstatement).
- Main steel erection, Stack assembly and lifting, Boiler casing erection, Modules lifting, Drums erection.

Dates : From Mar. 2016 till Jun. 2017
Employer : MARIOUT for Construction and Engineering
Project : BENI SUEF Combined Power Station 4800MW
 One of the biggest power stations in EGYPT and it consist of 4 Modules each one: 2x400 GT (Siemens) + 2 HRSG (NEM) + 1x400 ST (Siemens). Mariout was responsible for the construction of one complete module.
Job title : Mechanical Construction Lead
Job Description : Supervise and follow the mechanical construction activities of:

- GT Piping systems Installation.
- HRSG and BOP Piping installation, Test-Packs punching and releasing for testing, Hydrotesting, Reinstatement).
- The HRSG installation (Main steel erection, Modules lifting, Stack assembly and lifting, Casing erection, Drums erection).

Dates : From Jan. 2015 till Mar. 2016
Employer : EISwedey PSP
Project : MAHMOUDIA Power Station 320MW
 The project is to add 2 Gas Turbines (ANSALDO) of 160MW to increase the capacity of the existing power station.
Job title : Mechanical Construction Lead (Piping)
Job Description : Supervise and follow the mechanical construction activities of: Project piping scope (GT Piping systems Installation, BOP Piping installation, Test-Packs punching and releasing for testing, Hydrotesting, Reinstatement).

Dates : From Dec. 2013 till Jan. 2015
Employer : Mariout for Construction and Engineering
Project : Ezz Steel – DRI Plant, Suez
 The project is to add DRI plant to the EZZ Rolling and Mill factory.
Job title : Mechanical Construction Lead (Piping)
Job Description : Supervise the scope of Piping prefabrication and erection and testing activities of all the DRI plant units.

Dates : From Dec. 2010 till Nov. 2013
Employer : Kharafi National
Projects :

- Al-Shabab Electrical Power Station 8x125MW, Ismailia
- West Damietta Electrical Power Station 4x125MW

Job title : Mechanical Construction Lead (Piping)
Job Description : Supervise the scope piping prefabrication and erection and testing activities of the power station.

Dates : From Oct. 2009 till Dec. 2010
Employer : Initec Energia
Projects :

- Cairo West Electrical Steam Power Station 2x350MW
- El-Tebbin Electrical Steam Power Station 2x350MW

Job title : Piping Supervisor
Job Description : Supervise steam piping erection and testing from boiler till steam turbine including the temporary piping required for the steam blow.

Dates : From Jun. 2006 till Aug. 2009
Employer : Consolidated Contractors Company (CCC)
Project : Khursaniyah Gas Plant Project (KGP), KSA
Job title : Senior Piping Engineer
Job Description : Supervise and follow all piping engineering issues (Reviewing the ISO drawings versus P&IDs, marking up and spooling the ISO drawings, solving all site technical queries related to the piping fabrication and erection, releasing piping material for prefabrication, creating and reviewing test packs).

Dates : From Jan. 2005 till May 2006
Employer : ALSTOM Power Co.
Project : Nubaria Electrical Combined Power Station 2x750MW
Job title : Piping Engineer
Job Description : Supervise piping prefabrication, erection and testing activities for all 4 HRSG units.

Dates : From Jun. 2004 till Dec. 2004
Employer : KBR
Project : Damietta LNG
Job title : Piping Engineer
Job Description : Checking isometrics drawings versus P&IDs and the GA, Creating testing packages.

Dates : From Jan. 2003 till Jun. 2004
Project : Kafr Al-Dawar Steam Power Station
Job title : Maintenance Engineer
Job Description :

- Implementing maintenance routines required for all mechanical equipment's.
- Coordination with other departments to ensure quality procedures compliance and Safety regulations.

Dates : From Feb. 2001 till Feb. 2002
Employer : Egyptian Army
Project : Military Service

Dates : From Jun. 2000 till Feb. 2001
Employer : SAAD for Construction
Project : MIDOR Oil Refinery Station, Alexandria
Job title : Piping Engineer
Job Description :

- Following the installation of steam tracing piping.
- Perform final site walkdown and create punch list for steam tracing testing packs.

Field of experience :

- Mechanical Engineer with more than 20 years experience in construction of Power Stations Projects and Oil & Gas Projects especially in:

- Piping detailing, Piping and piping supports installation.
- Heat Recovery Steam Generators (HRSG) Installation.
- Gas Turbine Installation.
- Supervising all HRSG mechanical activities erection, hydro tests, chemical cleaning, Steam blow & reconfiguration.
- Supervising Gas turbine mechanical activities from erection till commissioning.
- Supervising all piping construction phases (fabrication, erection, punching to testing).
- Reviewing and detailing all different mechanical construction drawings.
- Creation of test packs (PID markup, developing test packs boundaries) and reviewing them.
- Punching the testing packages and creating punch list.
- Supervising and follow the steel structure assembly and erection.
- Act as a liaison between Construction, Engineering, Procurement and Material depts. to ensure that the material is available and sent to site in a timely manner.
- Make any modification required according to any problem in isometric and/or P&ID.
- Solving the erection problems and proposing modifications.
- Assist and contribute to resolution of technical queries related to mechanical engineering activities.
- Attend and contribute to site and project technical meeting.
- Monitor the work progress, assign work to site supervisors and engineers.
- Control and push the subcontractors to finish the work without any delays.
- Ensure successful installation, inspection and completion of mechanical scope.
- Verify and control that all mechanical construction activities are carried out in strict compliance with QC Procedures, Project Specs, Codes and Approved Drawings.
- Working on completing the discipline scope safely, in accordance with company and project HSE and ensure HSE standards and procedures are implemented and followed.