

104486-MEC-1456CHMV-E-2015
Team Leader Mechanical Engineer

Holds a B. Sc. in Mechanical Engineering and has more than 14 years hands-on experience, including 7 years working as a Mechanical, Piping and MEP Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1981
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2015
: High School: Alexandria school advanced technical system five years, Department of refrigeration and air conditioning

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2D / 3D
: Inventor
: Matlab simulation and optimization

TRAINING COURSES AND CERTIFICATIONS

: Training in Abu Qir to produce electricity (2013).
: Training at Neeasae (2014).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2021 till Aug. 2022
Employer : Thunder Engineering
Job title : Team Leader Mechanical Engineer
Job Description :

- HVAC (Machine unit) erection.
- Ductwork assembly and erection.
- Installation of Fire pumps (Diesel, Electrical and Jokey).

- Firefighting system (fabrication and installation of pipes and valves).
- Infrastructure pipes (Drainage System).
- Plumbing system.

Dates : From Aug. 2020 till Jun. 2021

Employer : Kharafi National

Project : Alburouj Sport Club

Job title : Mechanical Project Engineer

Job Description :

- HVAC (Machine unit) erection.
- Ductwork assembly and erection.
- Installation of Fire pumps (Diesel, Electrical and Jokey).
- Firefighting system (fabrication and installation of pipes and valves).
- Infrastructure pipes (Drainage System).
- Plumbing system.

Dates : From Aug. 2018 till Jun. 2020

Employer : The Arab Contractors (AC) & Orascom Construction (OC) (Joint Venture)

Project : Port Said Tunnels Under Suez Canal (3 July Tunnels)

Job title : MEP Senior Site Engineer

Job Description :

- HVAC (chiller unit) erection.
- Ductwork assembly and erection.
- Preparation of data Sheets, Specification and material requisition for HVAC system such as Chiller, AHU, package unit. ducts. VAV, single fan filter, Exhaust fans, HVAC control panel, etc.
- Review and provide HVAC input to Electrical, Civil and Instrumentation department for coordination.
- Vendor drawing review, reply to vendor queries and follow up with Vendors etc.
- Responding technical issues highlighted by Client and verifying requirement as per contract specification & assuring QA/QC in procurement.
- Planning two weeks look ahead/two months (Material/ Engineering) such as propose & update "recovery schedule" (if required), reporting on performance against planned to calculate the earned value on weekly basis.
- Site supervision – Quantify all task & set duration with productivity requirement as per planning.
- Inspecting site progress for work produced by contractor & sub-contractor and initiate RFI with QC and making inspection with client QC for all erection works as per client approved ITP (Inspection & Test plan). Overseeing Quality control (QC) and safety procedures at site.
- Firefighting system (fabrication and installation of pipes and valves).
- Prepare shop drawings including Detailing, Bill of Material and Welding Maps.
- Preparing a complete study of the Piping Design documents (P&ID, Isometrics, and Supports details).
- Quantity surveying for supports and P.O for structural steel.
- As built drawings for small bore piping and large bore modifications.
- Material Requests according to material availability and milestones.

- Installation of pumps and alignment.
- Installation of Jet fans.
- HDPE drainage pipes (welding, alignment and installation).
- Make procedures and Method Statement for all works.
- Contact with the suppliers.
- Handover all works to consultant engineer (Systra Company).

Dates : From Nov. 2015 till Jul. 2018

Employer : Orascom Construction (OC)

Project : Burullus Combined Cycle Power Plant 4800MW

Job title : Mechanical & Piping Site Engineer

Job Description :

- Prepare shop drawings including Detailing, Bill of Material and Welding Maps.
- Preparing a complete study of the Piping Design documents (P&ID, Isometrics, and Supports details).
- Quantity surveying for supports and P.O for structural steel.
- As built drawings for small bore piping and large bore modifications.
- Material Requests according to material availability and milestones.
- Installation of impeded piping systems (drain system) through turbine modules buildings.
- Following up the installation of the GRP piping systems inside the steam turbine building.
- Stack assembly and erection "six stacks" (Exhaust system).
- Insulation for 3 modules (diffuser & stack).
- Following up the erection of main steel installation for boiler, Heat Recovery Steam Generator (HRSG).
- Piping installation for balance of plant "BOP".
- Oil system installation for turbine.
- Heating, ventilation and air conditioning system "HVAC".
- Following up the fabrication and erection of fire frightening systems inside gas turbine and steam turbine.
- Preparing a punch list to determine the remaining activities per each piping system.
- Allocation of material, man power and equipment for daily work activities.
- Monitor the work progress on a daily basis to make sure that the targets are achieved as per schedule.
- Prepare a weekly plan to lead the subcontractor to achieve the required target as per schedule.
- Ensure the productivity and high quality of the sub-contractor activities.

Dates : From Jul. 2012 till Mar. 2015

Employer : Gas Misr

Job title : Supervisor

Job Description :

- Installation of town gas impeded Piping systems throw town streets and buildings.
- HDPE pipes and steel pipes.

Dates : From Apr. 2008 till May 2012

Employer : High Power (HP) for HVAC

- Job title** : Supervisor
- Job Description** :
 - HVAC (chiller unit) erection.
 - Ductwork assembly and erection.
- Field of experience** :
 - Use company e-tools to retrieve technical documents and management of packing list, bill of material and drawings and reviewing P.O (purchase order).
 - Ability to understand and implement mechanical drawings, section dwg, construction dwg, alignment specification, and wiring diagram.
 - Good background in piping systems, cutting plan, material control, welding maps, piping supports, steel structure and pressure vessels fabrication.