

102608-MEC-14CIVX-E-1999
Senior Piping Engineer / Project Manager

Holds a B. Sc. in Mechanical Power Engineering / Marine Engineering and has about 17 years hands-on experience in Piping field for Petrochemicals, Gas Processing, Hydrocarbon, Refineries, LNG and Power Station industries.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 19/04/1976
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Mechanical Power Engineering (Marine Engineering & Naval Architecture Department), Alexandria University, 1999

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD (14, 2000, 2005)

TRAINING COURSES AND CERTIFICATIONS

: Summer trainings at National Iron & Steel Company (1997 & 1998).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2014 till now
Employer : BAPETCO
Project : EGYPT (NEAG 1), Oil & Gas Plant
Job title : Project Senior Mechanical Engineer

Dates : From Dec. 2012 till 2014
Employer : El Fares Group
Project : In Alexandria

Job title : Project Manager
Job Description : Steel Structure and Thermal Insulation.

Dates : From 2010 till 2012
Employer : Kharafi National Egypt
Project : In Ismailia, Damietta and West Damietta

Job title : Sr. Piping Engineer
Job Description : Power Station (Gas Turbine):

- Check all drawings against the project specifications.
- Prepare method of statements related to construction activities as per required.
- Provide applicable and latest drawing to site supervisor.
- Follow construction problems and give a proper solution as per engineering design requirements.
- Review Material approval requests, field change notices, change orders, progress reports.
- Follow up RFI processing to QC to check as per ITP and project procedures.
- Follow up construction daily activity as per planned schedule.
- Follow up sub-contractors and control their productivity.

Dates : From 2009 till 2010
Employer : Initec Energia
Project : El-Tebbin Power Station
Job title : Sr. Piping Engineer

Dates : From 2007 till 2009
Employer : Snam Progetti a branch of ENI Group
Project : KHURAI (GOSP) KSA
Job Description :

- To study and interpret the construction specification and drawings.
- Reviewing P&ID's, vendor drawings.
- Insure materials are according to project specifications.
- Test block chart and test loops preparation of piping pressure test preparation of supports list.
- Complete administration of engineering documents including design changes, holds, releases etc.

Dates : From 2005 till 2007
Employer : Snam Progetti a branch of ENI Group
Project : Mellita Western Libya Gas Project
Job Description :

- To study and interpret the construction specification and drawings.
- Reviewing P&ID's, vendor drawings.
- Insure materials are according to project specifications.
- Test block chart and test loops preparation of piping pressure test preparation of supports list.
- Complete administration of engineering documents including design changes, holds, releases etc.

Dates : From Mar. 2003 till 2005
Employer : DLC (Damietta LNG Construction)
Project : SEGAS – EGYPT LNG PROJECT, Damietta
Job Description :

- Controlling erection crews to install prefabricated spools& supports.
- Plan, schedule the work and efficiently organize the site / facilities in order to meet agreed deadlines.
- Oversee quality control and safety matters on the site, and ensure that regulations are adhered to prepare Job Safety Analysis and the required Method Statement.
- Test packages & systems follow-up (punch list, testing & mechanical completion).

Dates : From Oct. 2001 till Mar. 2003
Employer : Foster Wheeler
Project : Suez Gulf Power Plant
Job Description :

- Modeling all utilities and chemical lines using PDMS.
- Support Modeling and MTO issuing.
- To organize Engineering support to Cost / Scheduling and sub contractors etc. for Change orders, Back charges, Extra Work Requests, Invoice validation etc.
- Preparation of Hydro test packages and final Turnover packages in cooperation with QA/QC Department.

Dates : From 2000 till Oct. 2001
Employer : Technip
Project : MIDOR REFINERY PROJECT
Job Description :

- Generate piping isometrics from piping layout.
- Mark up the master P&ID for piping test package.
- Preparing hydrostatic test package documents for piping & steam tracing.
- Piping field routing & supports for small bore lines.
- Write Punch List and sign cleared Items.

Field of experience : About 17 years in Piping field for Petrochemicals, Gas Processing, Hydrocarbon, Refineries, LNG and Power Station industries including:

- Piping Field Experience:
 - Prefabrication drawing preparation and Data Base calculation for progress control.
 - Familiarity with international codes ASTM, ASME, ANSI, API, BS, DIN etc.
 - To study and interpret the construction specification and drawings, identify any design problems, conflicts and resolve the same.
 - To conduct lifting studies to enable proper utilization of heavy equipment.
 - Test block chart and test loops preparation of piping pressure test.
 - Piping system line check and punch Clear work.
 - Above ground piping pressure testing and reinstatement work.
 - To monitor and control expenses related to project work and ensure organizational forecasts and budgets are met for these expenses.

- To ensure safety standards and procedures are implemented and followed in accordance with contract requirements and Company guidelines.
- To handle procurement activities relating to contracts and sub-contracts in accordance with Company's Procedures and Procurement department activities.
- To undertake QC reporting interaction with other departments of Company and clients to assure production schedules and deliveries are met.
- Pre-commissioning and Commissioning activities.
- Construction:
 - Follow up on instructions and commitments associated with the construction project.
 - Manager of any potential issues related to area of expertise.
 - Review method statements and provides comments related to piping engineering designs.
 - Provide answers to engineering-related RFIs in conjunction with the Design Team and Engineer.
 - Conduct inspections to determine if specialty and other piping works have been done in accordance with contract specifications.
 - Perform other engineering tasks as may be deemed necessary by the Construction and Assistant Construction Manager.
 - Witness pressure tests, destructive and nondestructive tests on metals and other materials through magnalflux, dye-penetrant, radiographic, tension, paint thickness, and resistivity.
 - Prepare periodic special reports summarizing engineering-related issues related to piping installation, testing, and acceptance.
 - Work with the Construction Team to define workable engineering solutions as required for the construction package(s) assigned with focus on the piping requirements for water, steam and desalination.
- Other accountabilities:
 - Maintaining design integrity and quality within the asset team.
 - Promoting health, safety and environmental awareness.
 - Quality Assurance – Responsible for working within the provisions and guidelines of the Quality Assurance system relevant to the Oil & Gas Business Unit.
 - Safety – Responsible for personal safety safe working practices for the Oil & Gas Business Unit. Understand and follow OH&S procedures.