

## RESUME OF CONSTRUCTION PIPING ENGINEER



**SHAHUL HAMEED MEERAN**

### Piping Engineer

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**Personal Data**

Date of Birth : 29-04-1993  
Sex : Male  
Nationality : Indian

**Languages Known: English, Tamil, Hindi**

#### OBJECTIVE:

To play a key role as a Piping Engineer in an organization to achieve the overall corporate and management objectives by directing and leading the team by enhancing manner, effectively utilizing the tools, equipment, in a timely manner.

#### BRIEF PROFILE:

- Competent team leader with 7+ years' experience in Piping Engineering
- Talented manpower handling capabilities and problem -solving skills.
- Practical implementing in improvement and optimization activities.

#### KEY SKILLS:

- Piping engineering
- Piping Fabrication and Erection
- Project Coordination
- Pre-commissioning
- Commissioning
- Preservation (FPD)

#### INDUSTRY EXPERIENCE:

- Petrochemical
- Refinery
- Power plant

#### CLIENTS:

- Petroleum Development Oman (PDO)
- Orpic/oq- Oman
- Piping Technology Products (PTP)
- Ecomar Energy solutions
- Thermodyne

#### PROFESSIONAL EXPERIENCE SUMMARY:

- Piping engineer with mechanical engineering background
- 7+ years' experience in piping engineering, fabrication, erection, pre-commissioning and commissioning of oil & gas, petrochemical, refinery and power plant projects
- Good leadership abilities with concern for developing team member's talents. good history of nurturing strong working relationships with clients and meeting project milestones.

#### EDUCATIONAL QUALIFICATION:

- B.E. in Mechanical Engineering with 6.98 CGPA (first Class) from Kalasalingam University, Virudhunagar (2010 –2014).
- Higher Secondary with 70% from SAHSS Ramanathapuram (2009- 2010).
- SSLC with 88% from MHSS Ramanathapuram (2007- 2008).

### **PROFESSIONAL EXPERIENCE: 01**

**Company** : Al-Hassan Engineering and Construction – Oman  
**Designation** : Lead Piping Engineer  
**Project** : Haima West Combined Cycle Power Station  
**Client** : Petroleum Development Oman (PDO)-Oman  
**Duration** : Dec 2019 to till date

### **PROFESSIONAL EXPERIENCE: 02**

**Company** : Al-Hassan Engineering and Construction – Oman  
**Designation** : Piping Engineer  
**Project** : Liwa Plastic Industries Complex EPC-1 SCU Project  
**Client** : ORPIC -Oman  
**Duration** : May 2018 to till Dec 2019

### **RESPONSIBILITIES:**

- Review the piping drawings (P&ID, Isometrics, GA's, Tie-in's list, support details and vendor drawing.
- Compilation of piping scope activities MTO's, drawings, sequences, manpower and equipment requirements, and project activity durations.
- Review of isometric drawings against PEFS for ASME boundary limits.
- Responsible for fabrication & piping erection operations for Critical piping & BOP systems (various materials like Carbon steel, stainless steel, DSS, GI and Alloy steel).
- Pipe support fabrication & installation in accordance with schedule, procedures, specifications, priorities.
- Review the piping activities and completion in accordance with the schedule requirements.
- Preparation of detailed construction summary reports to the management / client.
- Test Pack Mark-Up for Hydro Test and Pre-Commissioning activities.
- Directly involve in shut down and Tie-in activities.
- Raising technical query to resolve the Technical Issues from Client side.
- Prepare the As-Built drawing to suit as per site condition.
- Prepare daily progress updating and keep the isometric revisions up to date.
- Attend weekly review meeting to discuss about weekly progress, fix the next week target and constraints while execution of work.
- Work Schedule preparation for supervisors and foreman's according to the work priority.
- Implement the QA/QC procedure and work instructions as per the QCP liaise with QA/QC engineer.
- Monitor progress of work as per schedules and obtain clarifications from the construction manager as required.
- Liaise with material controller, QA/QC engineer for the items requiring their support.
- Managing sub-contractors for Painting, Insulation, Lube oil Flushing and Chemical Cleaning, Steam Blowing
- Co-coordinating mechanical completion stage including punch list of piping system, hydrostatic testing, reinstatement, MCC & PCC of piping system.
- Commissioning of Cooling Water System, Condensate water System, Lube oil ,HRSG.
- Experience in Preservation of Mechanical Equipment's.
- Monitoring HSE performance in the area and to ensure that all works at site are safely executed

### **TRAINING ATTENDED AT PETROLEUM DEVELOPMENT OMAN (PDO)**

- H2S Escape
- First Aider
- Permit to Work System (PTW HOLDER)
- Authorize Gas Tester
- Safety Leadership Course

## **PROFESSIONAL EXPERIENCE: 03**

- **Company : VEE EN KAY ENGINEERING PRIVATE LTD – INDIA**

Designation : Piping Engineer

Projects :

- 1.Nava Bharath Agro Products Ltd.- (1x60tph) – Thermodyne
- 2.GA Expertise Pahosa- (2x28TPH) – Thermodyne
- 3.Wildcat Point Generation Facility (1000 MW CCPP)-Piping Technology Projects (PTP)
- 4.Waste Management Service For KOC-Kuwait-NAPESCO

Duration : Feb 2016 to till April 2018

- **Company : VALE PROJECT SERVICES- INDIA**

Designation : Jr. Piping Engineer

Projects :

- 1.Petroleum Regeneration & Processing Facility-Ecomar Energy solutions FZC
- 2.V. V Titanium Pigments Pvt. Ltd-India (1X6 MW)
- 3.Vision Sponge India Pvt. Ltd-India (1X15 MW)

Duration : July 2014 to till Feb 2016

## **RESPONSIBILITIES:**

- Preparation of piping layout using Plant Design Management System (PDMS) with Equipment's, special piping components. Including Critical line routings like steam lines & high-pressure lines.
- Extraction of Isometric drawings from models through Batch process and Interactive process using Isogen software.
- Reviewing and checking piping layouts, Piping Isometrics, composite drawings as per piping concept.
- Selection of supports & 3D modeling as per stress requirement and feasibility
- Conduct site survey with construction to find the optimized solution for constructability issues at site (pipe clash with cable trays/electrical conduits/structures, missing supports, material issues)
- Preparation of as- built isometrics as per site requirement.
- Revising the Iso drawings based on material availability at site in order to ensure the construction schedule without any delay by choosing appropriate alternate materials.
- Estimation and calculation of weight for piping systems and pipe supports
- Preparation & reviewing of bulk MTO from support drawings & piping Iso drawings
- Knowledge of relevant codes and standards, ASME Codes, ASTM Standards for pipe, Pipe Fittings and Piping components.

## **Declaration**

I declared that the above information is true to my knowledge

Date:

Place:

(Shahul Hameed Meeran)