

REF NO, 0225

EXP 8.5 YEARS

BEMECH PIPING ENGG

Project Management & Project Planning, Construction/Site Management, Design Engineering (Equipment Layout & Piping Design):

Key responsibilities: (MTO)

Review Equipment's specification, Piping specification Piping Design basis, Process requirement, Access requirements, Line list, Specialty item list and other relevant documents.

Review of P&ID's, Layouts, GADs, Isometrics & various related drawings and documents.

Preparing the DMSR and get it approved for the defined work.

Track the prepared PO/SO to ensure the services available on time.

Issue Engineering drawings and Layouts for Inter-Discipline Checks to other engineering disciplines in integration of technical data inputs.

Preparation of Isometric drawings (As Built) with bill of material as per fabrication and site requirements.

Review and Preparation of Material Take off (from P&ID and Layout for both Equipment's and Piping Commodities).

Discussing with supplier and Solving technical queries of piping and equipment's.

Attending progress meetings Consult and make recommendations to contractors on feasibility

Making proposal to class and getting approvals for design modifications.

Working in a Cross Function Team to Solve Engineering Bottle Necks and Suggest Value additions.

Providing clarification, Guidance and Technical support to construction, commissioning and QC Personnel.

Making proposals to our engineering and getting approvals for design modifications/innovations.

Planning and sequencing of equipment & piping installation.

Verification of MTC's and Field Material Receiving Inspection.

Familiar with applicable specification and standards to refer the submittals of the beginning project (i.e. procedure's and QA/QC documents)

Ensure all welding works carried out as per Spec. requirements as well as approved procedure's

Verification of the welder's qualification, and witness test as per approved WPS and PQR

Co-ordination with operations for necessary work permits.

Executing all the construction activities by obeying and following HSE, Environment and Safety Instructions and Quality Standards

Preparation of As-Built drawings.

Materials reconciliation and certification

Resolving any unexpected technical difficulties and other problems that may arise..

Check and consult spools delivery in site.

Request scaffolding constructions.

Making schedule for material incoming, outgoing to be used for projects.

Look well after all the progress of workmanpower and equipment.
Distribution of drawings. to the Foremen and monitoring the jobs monitoring on Master Sheet system wise
Utilized all the equipment & manpower for the manpower and equipment. Review the applicable instruments for inspection with valid calibration certificate. Preparation of "AS BUILT" drawings.
Preparation of field piping system test packages, including system limit on P&ID and piping Isometrics.
Place hyderabad

VSP REF NO: 0338

Piping Construction Engineer

QUALIFICATION: MECH B.TECH

EXP: 7 Years

JOB SPECIFICATION: Piping Engineering

Conceptual Layout & FEED

Familiar with International Design Codes & Standards.

Preparation & checking of Isometric Drawings with Bill of Material from Piping GAD.

Preparation of GAD from vendor drawing.

Study of P&ID and PFD.

Development of piping layout as per **P&ID**.

Wall thickness calculation of pipe as per **ASME B 31.3/ ASME B**

31.1

Pipe sizing & pressure Drop Calculation.

Knowledge of piping specification and valve data sheet

Piping material selection.

Introduction to equipments (Pumps, Pressure Vessels, Boilers, Valves).

Pump Selection and NPSH Calculation.

Pipe support

PLACE: MUMBAI

VSP REF NO: 0339

Piping Construction Engineer

QUALIFICATION: MECH B.TECH

EXP: 7 Years

JOB SPECIFICATION: Worked as an engineer and looked after the fabrication of pressure vessels ,structural's and also assisted in quality control works in 'SRI VIGNESHWARA CONSTRUCTION CO.' at **AUTONAGAR VISAKHAPATNAM .**

2)Worked as an Execution engineer in Shutdowns at **Hindustan Petroleum Co-operation Limited (H.P.C.L)** under "SRUJUNA ENGINEERING WORKS LIMITED" Autonagar Visakhapatnam.
PLACE: Visakhapatnam.

VSP REF NO: 0421

Senior Piping Engineer

QUALIFICATION: MECH B.TECH

EXP: 10 Years

JOB SPECIFICATION: Review of Equipment Layout, Piping Layout, Material standards.

Preparation of Piping material specification and Material Take Offs (MTO).

Technical bid evaluation from offers and Vendor selection.

Vendor drawing and document review.

Co-ordination with other disciplines like Project, Process, Safety, Quality control, instrumentation, Piping, Civil & Structure, Piping Stress, Documentation, Procurement.

Preparation of Piping Material Specification as per client and project requirement.

Defining scope of work for engineering, supply and site support.

Perform SP3D modeling of Equipment, Piping & Structural and prepare isometric drawings.

Review of piping isometric and MTO with P&ID and Piping GA.

Selection of Piping class, Material Take off & BOM generation.

Co-ordinate with other departments regarding technical clarifications.

Extraction of isometrics and assigning for checking.

Codes (ASME, ASTM, API, BS and IBR).

Having 8+ Yrs of experience I am confident enough to handle a team.

PLACE: Hyderabad

VSP REF NO: 0424

Mechanical Piping Supervisor

QUALIFICATION: MECH DIP

EXP: 6 Years

JOB SPECIFICATION: Looking overall execution of AG/UG piping works.

Layout Study and Finalization of Pipe Routing.

Checking & Issue of Isometrics Drawing, P&ID Check, Line Routing, Support Check.

Planning periodic programme and ensure the work is in accordance with in the schedule.

Monitoring the daily progress of the work carried based on the schedule.

Responsible for material allocation, Releasing of spool drawings to Fabrication shop and material reconciliation.

Managing a team of Workers to carry out the erection of piping system.

Ensures proper execution of inspection and testing in accordance with the field quality control plan and monitor the adequacy result.

Liaise with QC inspector for all inspection matters. To solve the cases of nonconformity with the support of Sr. Piping Engineer wherever necessary.

Stage wise inspection Like Material Identification, Fit up, Final Dimension, LHS Review, Erection Fit up, Loop clearance, Box-up & Insulation of Piping.

Coordination with Site, and Client regarding site activities.

Coordinate for NDT activities, witnessing all field tests such as Hydro test, Pneumatic Test.

Responsible of plan, organize, execution of piping fabrication and erection works.

Prepare Bill.Of.Material as per planning of work.

Mechanical Clearance of the Piping system (Carbon Steel, Stainless Steel, GI) by referring the engineering documents like GA drawings & Isometrics.

Making a re-instatement punch list and clearing the items.

Provide piping input to process piping and instrumentation diagrams

(P&ID) including piping classes, valve types, piping isometrics, Support details.

Preparing Letter of Correspondence for Project progress.

PLACE: Pathanamthitta, Kerala, India

REF NO.0803

PIPING ENGINEER

4.6 YEARS EXP

5

Place: Visakhapatnam

B. TECH MECH

Analysis of available work scope as per original contract.

Toolbox Meeting.

Mobilization of Site.

Permit to work system.

Monitoring of Daily/weekly/monthly progress and plan work schedule.

Close Co-Ordination with Engineering Office, client & sub-contractors to resolve out

Standing Engineering and material related open issues, which are critical to project.

Preparation of extra work claim which is not include in original BOQ.

Co-ordination of all the mechanical piping activities with client, Consultants, Sub-Contractors for smooth progress of the job.

Through of all specification, codes like ASME, ASTM, ANSI, API, drawings, standards etc. for easy execution of the job.

Responsible for execution of all field engineering activities related to all underground and above ground piping system.

Take initiative & develop positive attitude towards work & accept challenge. Work as a team

Maintain healthy work atmosphere &

safety awareness within the group.

Responsibilities to operation maintenance & troubleshooting AHU, and chilled & hot water piping systems

Supervising mechanical works on the installation & cladding of CHW & HW piping associated with industrial building services

Co-Ordination with Other Mechanical Depts. like QA/QC, Equipment, Steel Structure etc.

Preparation of Final Punch Listing

Preparation of Lines for Hydro test.

Co-ordination with Project team members (HO & Site), EPC Contractors and supporting departments.

Planning & Monitoring of the project progress w.r.t to Time & Cost

Toolbox Meeting

Permit to work system

Ensures effective coordination of all project execution activities taken up by different functions such as Civil, Mechanical, Electrical

Departments

Responsible for planning, coordinating, execution of normal production activities. Reviewing of piping isometric drawings, P&I Drawings, General arrangement drawings.

Inspection of fabricated spools with technological col to piping Isometric Drawing.

Performing the inspections on underground pipeline corrosion protective coatings and wrapping.

Witnessing of Positive material Inspection.

Inspection of different type of welding processes for different types of metals like alloy steel, stainless steel and carbon steel.

Weld visual inspection as per standards and specification requirement.

To check the field welds & consumables comply with project qualifications.

To keep a report file for all non-destructive tests

Preparation of Final Punch Listing.

Inspection of incoming materials.

Witnessing of Positive material Inspection.

Stage wise inspection of welding.

Inspecting fit ups, welding activities

Witnessing the Hydro Test of Pipe lines.

To check the field welds & consumables comply with project qualifications.

To keep a report file for all non-destructive tests.

Coordinating, Inspecting, preparation and maintaining er as per the norms.

Inspection of Heat treatment cycle using WPS, Procedur codes.

Preparation of Hydro test Package & Final Punch Listing.

Supervision of structural steel fabrication and erection works.

Pre planning for the daily, weekly and monthly progress for the committed work schedule.

Preparation of BOM's & BOQ's and billing for the month.

Executing the work with minimum resource at maximum extent.

Inspection of fabricated structures & Spools with conducting various tests.

Conducting of U.T & R.T, Hardness test.

Checking the paint thickness (microns)

REF NO . 02226
B, TECH MECH
EXP 6 YERS

Piping Designer

in Oil and Gas Field
PLACE HYDERABAD TELANGANA

Responsibilities:- **Responsibilities**

3D Modeling of Equipment's GA's in - Equipment's modeled are Reactors, Heat Exchangers, and Cooling Towers.

Modeling of structural and civil foundations for Utility block, Production Blocks A, B, C, D as per Indian Standards.

Preparation of Piping Layouts in as per P&ID
Verification of vendor data Reactor GA's for nozzle schedule / Orientation and Location.
Modeling of Equipment's as per Vendor sheet available.
Modeling of Piping as per P&IDS.
Arrangements of Equipment's as per the process Requirements and Plot Plan..
Modeling Supports as per Stress Requirements for critical lines.
Locating and modeling of the Flare area equipment's and related piping.
Modeling of Pipe routing in as per the P&ID, material specification and branch table.
Modeling of equipment in like pumps, filters, exchangers and arranging them as per equipment layout.
Checking of lines for data consistency and clashes in and preparation of clash reports.
Preparation of pipingMTO fromP&IDs (Prelim) & Isomet (Intermediate & Final).
Isometric Generation, Checking of ISO's and preparation of BOM.
Coordinating with other disciplines for project related queries.
Study the Project Inputs, Plot plans & Preliminary GA Drawings.
Modeling of Pump's, Equipment's& Nozzle orientation as per vendor data
Modeling of Escape way, passage way in
Routing of lines as per P&ID in
Modeling of supports as per support span calculation for non-critical lines and isometric forcritical lines
Preparation of General arrangement drawing
Extraction of GA drawings in
Preparation of Nozzle orientation drawings for vertical columns
Checking of isometric as per P&ID
Update client comments on SP3D model