



*One of India's leading producers of fertilizers and industrial chemicals,*

We are transforming our business through focus on Collaboration beyond boundaries, Relentless Focus on Results, Innovation, and unflinching commitment to deliverables and promises.

We are looking for individuals who enjoy working outside their comfort zone and are ready to accept challenges. We believe in achieving excellence in whatever we do. For this we provide a great degree of support through a combination of best of the systems & processes, employees' capability building and their well-being.

We also place a considerable weightage to individuals who are proactive & self-motivated and have good inter-personal & social skills and have the ability to work in teams.

### **JOB DESCRIPTION**

Designation: Piping Engineer (Engineering & Site)

Function: Piping (Engineering & site Execution)

Location: Project office, Consultant office & Gopalpur site

Sector: Project + TAN

- ⤴ *Purpose of the Job:* The primary purpose of this role is to ensure quality & completeness of piping Engineering documents generated by detailed engineering contractor and subsequently provide necessary engineering support for procurement of piping materials and during construction phase of the project.
- ⤴ Safety, health & environment management at all phases of the project.
- ⤴ Is also accountable for ensuring timely completion of detailed engineering (piping) by detailed engineering contractor.

**Overview/ Responsibilities: As a "Piping Engineer (Engineering & Site)", you will be expected to:**

<b>Key Accountabilities for the position</b>	<b>Major Tasks for the position</b>
1.Detail Engineering activities (40% of time)	Reviewing of Engineering deliverables like plot plan layouts drawings, G. A. Drawings, Isometrics, Steam Tracing/Jacket schedules, Spring Index, Valves & piping Special datasheet, piping MTO's. Ensuring that all P&ID's, vessel trims are covered into isometrics, Piping/support & MTO. Ensure that all MTO's is correctly captured from isometrics & further included in enquiries & ordered.  Check line-wise MTO as per piping Isometrics  Check IBR piping folder for its completeness.

***"We believe together we can achieve excellence! "***



	<p>Reviewing the accuracy &amp; quality of the Engineering deliverables.</p> <p>Review of other discipline inputs like PID, vessel drawing</p> <p>Helping DEC to prepare material &amp; purchase requisitions.</p> <p>Interdisciplinary checks &amp; co-ordination.</p> <p>Providing technical inputs to other disciplines</p>
<ul style="list-style-type: none"> <li>2. Vendor Interaction &amp; Ordering of material (15% Time)</li> </ul>	<p>Review TBE &amp; Technical order Spec carried out by the DEC</p> <p>Review vendor documents (Enquiry, datasheet, ITP, Drawings)</p> <p>Reviewing the deviations asked by the vendor &amp; expediting its approval.</p> <p>SAP activities - Codification, raising Purchase requests, inspection of material in system (after physical inspection)</p> <p>Keep track of ordered piping components, expedite deliveries, inspect the material at vendor shop (if required) &amp; in STL stores.</p> <p>Keep track of certificates, maintaining hard copies of certificates.</p> <p>IBR Certificates - Ensuring that all IBR certificates are received &amp; are valid for use. Handover of these certificates to contractor by obtaining his acknowledgment &amp; maintaining spare copy of these in our record.</p> <ul style="list-style-type: none"> <li>Review &amp; approvals of the waivers, deviations raised by different groups, package vendor.</li> </ul>
<p>3. Plan &amp; organise project related activities (10 % time)</p>	<p>Reviewing &amp; finalisation of delivery schedule of different engineering deliverables</p> <p>Finalization of the sequencing of piping bulk MTO submissions</p> <p>Monitoring of the actual progress pertaining to the delivery schedule</p>

*“We believe together we can achieve excellence! “*



4. Site construction (30 % of time)	<p>Supervising site construction, checking lines as per isometrics, review &amp; approval of loop files, issue of material from stores, reconciliation of the material &amp; returning balance material to stores.</p> <ul style="list-style-type: none"> <li>• Commissioning support &amp; resolution of site queries.</li> </ul>
5. HOTO – Handover Takeover (5% of time)	<ul style="list-style-type: none"> <li>• Preparing AS BUILT piping, plot document based on site executed measurement, its listing &amp; handover to O&amp;M team.</li> </ul>
	<ul style="list-style-type: none"> <li>•</li> </ul>
<b>Educational Qualifications</b>	<b>Total years of experience</b>
<ol style="list-style-type: none"> <li>1. Full Time Engineering degree or equivalent in Mechanical with specialisation in piping Engg/ stress analysis</li> <li>2. Age Limit 34 yrs.</li> <li>3. 10-12 years of relevant experience</li> <li>4. The candidate should have hands on experience of piping engineering &amp; site execution, construction, commissioning.</li> <li>5. Experience in coordinating multi - disciplinary activities and proven ability to work across different departments and in a multicultural setting.</li> <li>6. The candidate should have working experience with SAP HANA , project monitoring software PRIMA VERA and working experience with 3D modelling Software.</li> <li>7. The Candidate is expected to have safe oriented mind and have worked in an ISO environment.</li> </ol>	<ul style="list-style-type: none"> <li>• Minimum 10 to 12 years of relevant experience</li> </ul>
<b>Technical /Functional Expertise:</b>	
<ul style="list-style-type: none"> <li>• Sound technical knowledge of detailed engineering (Piping). This involves in-depth knowledge of plant &amp; equipment lay-out standards / codes and good engineering practices. Reasonably good knowledge of various materials, stress analysis of piping and corresponding loads to be given to other disciplines.</li> <li>• Various national &amp; international codes related to piping design &amp; piping materials.</li> <li>• Familiarity of plant hazardous area classification, and safety systems.</li> <li>• Planning skills for effective coordination to meet up project schedule</li> </ul>	

*“We believe together we can achieve excellence! “*



- Applicable Govt rules and regulations related to plant lay-outs & safety systems.
- Knowledge of best HSE practices in design, construction maintenance.
- Knowledge of statutory regulations pertaining to Piping Engg.
- Conversant with process plant instrumentation (basic minimum knowledge of mounting of instruments on piping).
- Excellent command over written and verbal communication.

*“We believe together we can achieve excellence! “*