

# JOB DESCRIPTION

ID: PI-JD01

<b>Job Title:</b> Senior Piping Engineer	<b>Working Location:</b> Vung Tau/ Other
<b>Project:</b> Detailed Engineering	<b>Report to:</b> Engineering Manager/ Lead Piping Engineer
<b>Group organization structure:</b> <ul style="list-style-type: none"><li>• Project Manager/Engineering Manager =&gt; Lead Piping Engineer =&gt; Senior Piping Engineer</li></ul>	
<b>Job Purpose:</b> <ul style="list-style-type: none"><li>• Providing day-to-day piping engineering activities and ensure timely completion to the required quality standards.</li></ul>	
<b>General Description:</b> <ul style="list-style-type: none"><li>• Develop Piping Design Basis, Philosophies, Reports, Datasheets and Specifications. Conduct various piping calculations, specifications, and drawings or initiate the preliminary design to support decision making as assigned by Lead Piping Engineer.</li><li>• Produce deliverables as per project requirement. Provide idea or way out related with piping issues, etc. Raise any issues which affect the quality, schedule or integrity of the design to Engineering Manager / Lead Piping Engineer.</li><li>• Ensure alignment with other disciplines on the development of piping deliverables. Review and check piping deliverables and those from other disciplines where they interface with the piping design / layout.</li><li>• IDC coordination with other discipline, weekly reporting drafting progress, discuss the changes, difficulties or issues found in drawings/documents with Lead Piping Engineer.</li><li>• Assist the Lead Piping Engineer in ensuring that all design input data are complete, clear and fit to use.</li><li>• Assist the Lead Piping Engineer in ensuring that the appropriate international codes, regulations, standards, practices and client rules are adhered to, and ensuring good quality design outputs as per relevant procedures. Ensure that piping item specifications, design and vendor selection consider operability and maintainability to meet the production availability targets. Liaise with the Project Operations team on maintenance aspects of the piping design.</li><li>• Participate in Safety reviews, HAZOP, HAZID and model reviews where applicable.</li><li>• Support safety engineering activities including dispersion modeling, explosion modeling, QRA and other studies as required.</li><li>• Oversee review of vendor documentation for purchased equipment and approve final documents, if required.</li><li>• Transfer knowledge and provide training to junior engineer as assigned by Engineering Manager / Lead Piping Engineer.</li><li>• Implementing other assignments as required by Engineering Manager / Lead Piping Engineer.</li></ul>	
<b>Qualifications and Work Experience required:</b>	

*Qualification:*

The jobholder should hold a Bachelor Degree in Piping or closely related Engineering.

*Experience & Requirements:*

- A minimum of 7 years of experience in oil and gas including design, construction and/or modification of major offshore piping system.
- A minimum 3 years of Senior Piping Engineer position for offshore processing platform.
- Good knowledge of design, construction, testing and installation of offshore piping systems in offshore platforms.
- Good knowledge of onshore fabrication sequences/methods and offshore piping structure installation/transportation methods.
- Deep understanding of applicable Codes, Standards and certification requirements for offshore facilities, particularly relating to safety of design.
- Must be a skilled user of S3D, piping analysis software (i.e. Caesar II), Autocad.
- A good command of English both verbal and written.
- Have ability to organize own work and meet strict deadlines.
- Ability to work in team environment.

**Challenges :**

- Multi-functional, and able to cope with diverse job demands.
- Coordinating work in multiple locations with different organization and multiple interfaces.
- Schedule pressure and workload for the design and procurement activity.

**Network interaction:**

*Influenced:* Engineering Team, Operation Team, HSE Department, QAQC Team.

*Influence:* Procurement Team, HSE.

**External parties:**

*Influenced:* Vietnamese Authorities, Certifying authorities.

*Influence:* Contractors, Vendors, Suppliers, Services companies.

**Assignment Duration:**