

# JOB DESCRIPTION

ID: ST-JD01

<b>Job Title:</b> Senior Structural Engineer	<b>Working Location:</b> Vung Tau/ Other
<b>Project:</b> Detailed Engineering	<b>Report to:</b> Engineering Manager/ Lead Structure Engineer
<b>Group organization structure:</b> <ul style="list-style-type: none"><li>• Project Manager/Engineering Manager =&gt; Lead Structure Engineer =&gt; Senior Structural Engineer</li></ul>	
<b>Job Purpose:</b> <ul style="list-style-type: none"><li>• Providing day-to-day structural 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 Structure Design Basis, Philosophies, Reports, Specifications and Drawings. Conduct various structural calculations &amp; analyses, specifications, and drawings or initiate the preliminary design to support decision making as assigned by Lead Structural Engineer.</li><li>• Produce deliverables as per project requirement. Provide idea or way out related with structural issues, etc. Raise any issues which affect the quality, schedule or integrity of the design to Engineering Manager / Lead Structural Engineer.</li><li>• Ensure alignment with other disciplines on the development of structural deliverables. Review and check structural deliverables and those from other disciplines where they interface with the structural designs / drawings.</li><li>• IDC coordination with other disciplines, weekly reporting drafting progress, discuss the changes, difficulties or issues found in drawings/documents with Lead Structural Engineer.</li><li>• Assist the Lead Structural Engineer in ensuring that all design input data are complete, clear and fit to use, including geotechnical and metocean information, etc.</li><li>• Assist the Lead Structural 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.</li><li>• Participate in Safety reviews and model reviews where applicable.</li><li>• Stand-in for Lead Structural Engineer when required.</li><li>• Transfer knowledge and provide training to junior engineer as assigned by Engineering Manager / Lead Structural Engineer.</li><li>• Implementing other assignments as required by Engineering Manager / Lead Structural Engineer.</li></ul>	
<b>Qualifications and Work Experience required:</b>  <i>Qualification:</i> The jobholder should hold a Bachelor Degree in Structure 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 structure.
- A minimum 3 years of Senior Structural Engineer position for offshore platform.
- Deep knowledge of design, construction, load-out, transportation and installation of offshore structures (complex topsides/jackets or higher scale).
- Good knowledge of onshore fabrication sequences/methods and offshore 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 Skilled in using the proprietary structural analysis software (i.e. SACS/SESAM, GRLWEAP, BOCAD, etc), 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:**