

# JOB DESCRIPTION

ID: ST-JD03

<b>Job Title:</b> Senior Structural Designer	<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 Designer</li></ul>	
<b>Job Purpose:</b> <ul style="list-style-type: none"><li>• The Senior Structural Designer is accountable for producing and maintaining structural deliverables (including, but not limited to: drawings, MTO, BOM, 3D models and sketches) in accordance with industry standards, codes and client specifications within the schedule and budget as set-out by the Lead Structural Engineer.</li></ul>	
<b>General Description:</b> <ul style="list-style-type: none"><li>• Develop Structural 3D modelling using BOCAD/S3D.</li><li>• Draught &amp; check detailed design drawings of structural such as Structural steel framing plans, detailed structural drawings.</li><li>• Review materials take-offs and bill of materials. Ensure that the quantities are within budget and any changes are documented with approval from Lead Engineer/ Engineering Manager/Project manager.</li><li>• Model secondary steel, grating and connections in BOCAD/S3D and extract 2D drawings fit for fabrication.</li><li>• Manage drawings and records to demonstrate procedural compliance with QA activities for internal reviews</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 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>• 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 Designer position for offshore platform.
- A basic understanding of constructability, operability and maintainability requirements.
- Strong knowledge of applicable Codes, Standards and certification requirements for offshore structure facilities.
- Must be a skilled user of Skilled in using the proprietary structural software (i.e., BOCAD, S3D 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:**