

JOB DESCRIPTION

ID: PR-JD02

Job Title: Process Engineer	Working Location: Vung Tau/ Other
Project: Detailed Engineering	Report to: Engineering Manager / Lead Process Engineer
Group organization structure: <ul style="list-style-type: none">Project Manager/Engineering manager => Lead Process Engineer => Senior Process Engineer => Process Engineer	
Job Purpose: <ul style="list-style-type: none">Providing day-to-day process engineering activities, and report directly to the Lead Process Engineer and/or Engineering Manager.	
General Description: <p>Directly reporting to Engineering Manager / Lead Process Engineer with the major responsibilities as followings:</p> <ul style="list-style-type: none">In charge of the preparation of the deliverables as per project requirement and schedule in a cost effective manner when assigned by Lead Process Engineer.Perform Sizing calculation, simulation, compile all process deliverables (Reports, PFDs, P&IDs, Datasheets, etc.).Support the Senior Process Engineer in ensuring quality and delivery of process engineering design.Ensure alignment with other disciplines on the development of process documents and drawings.Assist the Lead Process Engineer in ensuring good quality design outputs as per appropriate international codes, regulations, standards, practices and relevant procedures.Implementing other assignments as required by Engineering Manager / Lead Process Engineer.	
Qualifications and Work Experience required: <p><i>Qualification:</i> The jobholder should hold a Bachelor Degree or higher in Chemical Engineering or closely related Engineering of Oil and Gas industry.</p> <p><i>Experience & Requirements:</i> The job holder should have the following:</p> <ul style="list-style-type: none">Minimum 5 years of experience in oil and gas, have minimum 3 years of process design experience for offshore oil or gas production facilities.	

- Knowledge and experience of oil and gas processing systems, system design and equipment sizing and specification, applicable to offshore facilities. Knowledge to include as a minimum, separation, dehydration, compression, heating/cooling, heat exchanging, pumping and utility systems.
- Experienced in developing all process philosophies, design criteria, simulation methodology, PFD's, UFD's, SFD's, P&ID's, SAFE Charts, C&E Matrix and equipment/instrument data sheets.
- Must be a skilled user of HYSYS or UNISIM, FLARENET or UniSim Flare, and FLARESIM.
- Good understanding of control and shutdown systems and design requirements.
- Familiarity with the Process safety and design codes, standards and regulations.
- Knowledge of hazards of offshore design, including flare, blowdown and pressure protection systems.
- 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 (If any):

- 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 Department, HSE Department, QAQC Team.

Influence: Procurement Team, HSE.

External parties:

Influenced: Vietnamese Authorities, Certifying authorities.

Influence: Contractors, Vendors, Suppliers, Services companies.

Assignment Duration :