

JOB DESCRIPTION

ID: SA-JD03

Job Title: Safety Engineer	Working Location: Vung Tau/ Other
Project: Detailed Engineering	Report to: Engineering Manager / Lead Safety Engineer
Group organization structure: <ul style="list-style-type: none">Project Manager/Engineering Manager => Lead Safety Engineer => Senior Safety Engineer => Safety Engineer	
Job Purpose: <ul style="list-style-type: none">Providing day-to-day safety engineering activities, and report directly to the Lead Safety Engineer and/or Engineering Manager.	
General Description: <p>Directly reporting to Lead Safety 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 Safety Engineer.Perform Sizing calculation, water/foam/gas demand, firefighting system design, compile all safety deliverables (Reports, PFDs, P&IDs, Datasheets, Hazardous Area Classification & Drawings, etc).Support the Senior Safety Engineer in ensuring quality and delivery of safety engineering design.Ensure alignment with other disciplines on the development of safety documents and drawings.Assist the Lead Safety 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 Safety Engineer.	
Qualifications and Work Experience required: <p><i>Qualification:</i></p> <ul style="list-style-type: none">Bachelor's Degree in related engineering fields (process engineering, chemical engineering or mechanical engineering) OR General Science Graduate with studies in Loss Prevention. Advanced degree is preferred. <p><i>Experience & Requirements:</i></p> <p>The job holder should have the following:</p> <ul style="list-style-type: none">Minimum 5 years of experience in Safety Engineer for oil and gas industry particularly offshore sector.	

- Understanding PHA studies including HAZOP, HAZID, SIL, LOPA, etc.
- Be able to apply International Code & Standards: NFPA, API, ISO, SOLAS, CAP for safety and firefighting systems and equipment.
- Must be a skilled user of PIPENET and PHAST.
- Able to develop firewater system UFDs/P&IDs, understand the requirement of firewater pump design, able to read & understand process P&IDs related to safety discipline (e.g. service water system).
- Able to produce safety drawings (Escape Route, Safety Equipment & Fire Fighting, Equipment Layout, Hazardous Area Classification Drawing, Fire Zone Drawing, etc)
- Able to produce Safety Calculation & Schedule.
- Able to produce Safety Specifications, Datasheets, etc.
- Knowledge of design principles and engineering standards, especially Vietnam's technical standards.
- Understanding of other aspects of facilities including process, instrumentation and mechanical as they relate to the safety design.
- 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 :