

	Job Description – Subsea Engineer	
	<p><i>This job description is provided as a guide to the task, responsibilities and qualifications for this role. Specific projects may require variation to this description.</i></p>	<p>Approved by T Brand (MD) Date: 27-08-07</p>

Major Function and Purpose

The Subsea Engineer is accountable for designing subsea wellhead arrangements, supervising installation and monitoring operations.

Major Tasks and Responsibilities

Operations

- Supervise subsea wellhead / tree vendor to ensure delivery and specifications meet those required for the drilling program.
- Supervise and sign-off on subsea wellhead / tree FAT.
- Assist in the development of a subsea tree handling system on a jack-up MODU.
- Develop (with the assistance of the subsea tree vendor), field testing procedure and supervise same.
- Audit subsea wellhead / tree vendor with respect to quality and safety.
- Develop running procedure for subsea trees.
- Prepare equipment list for high pressure riser system.
- Develop running procedure for high pressure riser with surface BOPs.
- Provide field supervision for the installation of subsea trees.
- Provide necessary interface between drilling, completions and subsea control disciplines.
- Prepare well cost estimates for AFE.
- Assist in the preparation of technical enquiries for subsea tree systems.

HSE

- Observe all company health, safety and environmental instructions, act in a safe manner and avoid unnecessary risks to themselves and others.
- Immediately report any unsafe conditions or activities, dangerous occurrences or injuries in the workplace.
- Not interfere with, remove, displace or make ineffective any safeguard, safety device, equipment or appliance provided for health, safety and environmental purposes – except for during an approved maintenance or repair procedure.

Qualifications and Experience

Required

- Engineering or science degree from a recognised university.
- Minimum of 10 years experience in subsea wellhead operation, subsea tree construction and installation.
- Detailed knowledge of subsea equipment specification and industry standards.
- Current certification in HUET.
- Good data management and computer literacy.
- Demonstrated leadership and communication skills, technical maturity and flexibility to adjust to change.

Desirable

- Specific petroleum engineering qualifications.
- Experience in deep-water subsea well construction and operations.
- Knowledge and experience in subsea well intervention, surface BOP systems and use of SMART or other innovative subsea well applications, such as ESPs.
- Recent exposure to Australian/New Zealand oil and gas operations.