

Job Title: Chief Pipelay Engineer (CPE)

Job Purpose: The Vessel Chief Pipelay Engineer is responsible for the safe operation and cost effective management of the vessel pipelay systems. He is responsible to ensure the equipment is maintained and certified in accordance with the OEM recommendations and for the standard and testing of modifications to the pipelay system once approved by the technical authorities. He will ensure that adequate reporting of any issues arising is provided to onshore management.

Reporting lines and interactions:

Hierarchically reports to: Pipelay Superintendent

Operationally reports to: Vessel Master, Offshore Construction Manager

Directly supervises: Pipelay System Supervisor

Key interactions (internally, externally): Asset Manager, Asset Integrity Manager, Offshore Personnel Services, Offshore Services Le Trait, Technip Singapore PTE Ltd

Job Scope (budget, management, specific criteria):

- Safe and efficient operation and maintenance of all vessel pipelay and associated equipment
- Carry out all certification requirements and update the Technical Assurance Matrix
- Optimising planned maintenance activities to maximise plant availability/uptime
- Responsible for the management of all maintenance tasks and unscheduled repairs that may be necessary on pipelay systems
- Ensuring the planned maintenance system is updated and relevant with all assets covered
- To create a personnel rota to ensure equal spread of skills and experience over all shift patterns
- Supervision and mentoring of pipelay technical personnel. Conduct / organise annual appraisals of pipelay technical personnel with training plans implemented for development
- Supervision of any PSS/Supervisor Technician/Technician that would be temporary onboard the vessel (when T-MOS mobile pipelay equipment is onboard)
- Responsible for safe and efficient operation of T-MOS mobile pipelay equipment that is temporarily onboard the vessel
- Liaising and supervising vendors and Original Equipment Manufacturer (OEM) representatives
- Responsible for ordering stores and spare gear to maintain sufficient onboard stock levels, to ensure that the pipelay system operational capabilities and safety are not jeopardized
- Reporting to onshore / offshore management and technical authority any extraordinary events such as pipelay system breakdown
- Working under Vessel Chief Engineer's responsibility for all interfaces between pipelay systems and vessel
- Control of vessel pipelay repair and maintenance (R&M) budget
- Providing monthly input for SBM (Ship Board Management) to T-MOS Accounts
- Preparation of maintenance and refit work scopes and budget
- Approve expenditure against relevant pipelay systems cost centres as per Power Reserve list

- Complying with T-MOS Business Management System
- Responsible for maintaining accurate records, which should be readily retrievable and conform to the T-MOS Business Management System
- Ensuring that all manuals and drawings are kept up to date
- Responsible for submitting pipelay systems Capex requests for inclusion in to the annual Capex submission to the Pipelay Superintendent. Additionally preparation of the 5 year Capex plan. (On an ongoing basis)
- Responsible for submitting MRC (Major Repair Capex) requests for MRC budget preparation as well as the 5 year MRC plan to the Pipelay Superintendent (on an ongoing basis).

Main accountabilities:

- Safety of personnel and equipment
- Budget control
- Equipment certification
- Planned maintenance and rectification of defects
- Mentoring and development of personnel

Qualifications (professional, technical, academic):

Essential:

- Recognised National Qualification in Mechanical or Electrical Engineering or Marine Engineer Certificate of Competency

Preferred:

- OND / HNC or 1st Class Certificate of Competency or equivalent professional standard
- Fluid Power or PLC knowledge

Typical background and experience required:

Essential:

- Expected to have held a supervisory position within the Marine/Offshore Engineering
- Hold a nationally approved Marine, Mechanical or Electrical Qualification combined with a recognized apprenticeship

Nice to have:

- Supervisory or leadership and management qualification

Additional information:**Required for position:**

- High level of commitment
- An awareness of current operations and any commercial impact
- Good managerial and personnel skills
- A sound knowledge of heavy plant
- Ability to react to changing situations
- Calm yet assertive when necessary