



Title Senior Process Piping Specialist

Description: The Position will manage assigned activities related to field piping operations, including safety, productivity, schedule, quality work, coordination with other superintendent and project leaders on the jobsite at Jurong Island Singapore.

Position level: Senior Expert

Employment type: definite duration until Nov 2022

Responsibilities (other duties may be assigned)

HSE Tasks:

- › Perform project specific tasks defined in HSE Program Site
- › Inspect construction site activities, temporary site facilities and check the implementation of legal, contractual and Client internal occupational health and environmental protection regulations according to the project specific "HSE Program Site"
- › Support contractors in HSE matters
- › Control execution and effectiveness of determined protective measures
- › Suggest HSE improvement measures for construction and, if applicable, construction activities during commissioning
- › Technical consulting of contractor management incl. its personnel, e.g., safety specialists and safety delegates regarding HSE exposures due to process piping installation

Operational Tasks:

a) Administration

- › Set-up and installation of contractual-wise agreed procedures, document, and information exchange
- › Implementation of daily Construction Meetings with Contractors
- › Ensure data-input into Construction Management System

b) Reporting

- › Carry out performance evaluation of construction contractors and manufacturer's supervision personnel together with CM, SM and Administrator Site Contracts
- › Prepare regular progress reports for submittal to CM and the respective department with the help of construction contractor's documentation of its discipline.
- › Issuance of monthly report including statements regarding HSE, progress, manpower & equipment resources, quality, provision of engineering documents and areas of concern
- › Prepare and issue discipline close out report
- › Prepare and issue lessons learnt report

c) Supervision

- › Interpret Client Standards and construction codes towards client and construction contractors
- › Check the adherence to construction contracts and its included requirements, specifications, and codes by contractors of its discipline
- › Supervise, coordinate, monitor and inspect installation contractor in complex mechanical and pipeline related works to ensure the integrity of the mechanical systems, by means of testing, inspection, and commissioning as per the design specification, standards, and quality objectives.
- › Plan the construction activities along with the CM as well as various discipline engineers

- › Solve construction problems, register, and evaluate engineering deficiencies on site and record them as well as inform and discuss the very same with the affected department.
- › Assign site supervisors to respective areas or activities as per the requirement of project
- › Monitoring of the implementation and effectiveness of the site quality management system for process piping
- › Ensures that procedures and processes are understood and followed by the installation Contractor
- › Technical consulting of the site management with regard the compatibility of materials with the service and hazards from instability of contained fluids
- › Contribute to change management towards client or contractors in case of contractual deviations in agreement with CM and SM
- › Expedite the provision of missing engineering documents and materials
- › Daily inspection of construction activities on site including dimensional spot-checks and participation in the execution of acceptances of the contractual scope of work of contractors for its discipline
- › Coordinate interfaces with other disciplines
- › Implement and supervise the review cycle of M&DS, Method Statements, RLI, TQ, ITC's
- › Plan and coordination of complex mechanical construction and piping activities
- › Implement and supervise the correct handling and up-date of log-files for M&DS, Method Statements, RLI, TQ, ITC, SI, VOR, VO, correspondence, and invoices.
- › Ensures compliance with the applicable quality and installation standards in accordance with the project requirements
- › Execute on own responsibility regular site walks with respect to QA/QC, costs and scheduling and compliance of project specifications.
- › Participate in site walks e.g., with authorities, client's project management, Client's site management and contractors
- › Coordinate and supervise the clearance of punch points by contractors in its discipline
- › Request and check "as-built" documentation of contractors in its discipline and submit the red coloured corrections to the corresponding department
- › Elaborating of suggestions for improvement measures for construction and commissioning of specific systems per category, means either toxic, high purity, high pressure, elevated temperature or non-flammable, nontoxic fluids at low pressure and temperature

Qualification & skills

- › Minimum years of experience 15+ in Oil/ Gas & Petrochemical industry
- › experience in technical drawing, standards, documentation control
- › excellent leadership skills, good presentation, and negotiation skills
- › effective work with diverse business units
- › personal computer and software skills (MS Office products, CAD-software)
- › language: English excellent knowledge