

Senior Piping Designer (Offshore Projects)

Job responsibilities:

- Oil and Gas Off-shore project facilities design, such as, Well Head, Process Platforms and FPSO layout.
- Design and Model, using E3D/PDMS for layout development which include- Equipment modelling, Piping layout and Model, Pipe supports selection and Model, Reserve Volumes for Access and Egress route, Material Handling and Transport Routes and third party input as appropriate.
- Check the 3D Model for Clashes on regular basis and collaborate with other disciplines for effective clash free 3D Model
- Review Vendor drawings for the static Equipment / Rotating Equipment / Packages and ensure all the Nozzle orientations, Vessel cleats and Support requirements are in line with Design Requirements
- Interact with relevant disciplines- Process engineer, Mechanical Engineer, Safety Engineer and Project Engineer for the assigned Module/Area
- Prepare MTO for the Piping Bulk items, Valves and Specialty Tagged Items, to support Piping material engineer
- Participate in 3D Model Reviews by client and involve in the presentation using E3D/ PDMS / Navisworks for establishing the Layout / Piping design in accordance with P&IDs and meet the project requirements
- Prepare 2D Drawings- Plot plan, Equipment plan, Isometrics and pipe supports drawings by using AutoCAD/Micro station/MDS

Work experience requirements:

- **Minimum 8 years of experience** in upstream oil & gas offshore platforms and/or FPSO projects with a reputable engineering Organisation
- Prior work experience in the Oil and Gas sector with similar roles and understanding of project phases, milestones and deliverables are advantageous.
- Preferably with experience for projects in the NCS and UKCS sectors
- Must be able to demonstrate Piping and layout concept for Optimum design and cost-effectiveness.
- Familiar with standards such as, NORSOK, ASME, API (American Petroleum Institute), BS, European Regulations and other relevant standards and guidelines for layout design will be advantageous
- Must be familiar with the requirements of Human factors and Technical safety philosophy and comply to project requirements

Qualifications:

- Diploma or Bachelor Degree in Mechanical or Industrial Engineering or related field
- Good command of English in both speaking and writing

Other skills:

- Highly proficient in E3D/PDMS, Navisworks, Microstation, Autocad and MS Office and other software skill as advantageous
- E3D/PDMS administration skill considered as added advantage