



THAI NIPPON STEEL ENGINEERING & CONSTRUCTION CORPORATION LTD.

# Piping Engineer

**Department:** Engineering

## Responsibilities :

- Defines the Piping stress list of deliverables, time schedule and controls Piping stress activities in accordance with project requirements.
- Issues project Pipe stress analysis design criteria, Pipe stress critical line list and other deliverables during the basic design phase, and perform preliminary stress analysis of the Piping systems.
- Takes the Package Engineer role for piping stress items and/or services (such as spring supports, expansion joints, vibrations studies, etc.)
- Prepare preliminary & Detailed MTO for Bidding, FEED, and Detailed Engineering Phases of the project with the available minimum documents.
- Prepare Special Items list, Special Items Datasheets, and quantify the MTO and check after completion.
- Prepare Valve List, SP Item list, Valve Datasheets, and quantify the MTO & RFQ.
- Prepare and check Quantified Bulk Piping Material MTO from documents for preliminary stage / get input from PDMS during detailed design stage of project.
- Prepare & Check TBE of Special Items, Valves, and Bulk Piping Materials.
- Check IDC of drawing & documents of other discipline vendor packages.
- Responsible to maintain register for SP Items List and Valves with latest revision of vendor drawings available.
- Coordinating with other engineering and design discipline team members including Site Survey.
- Communicating change orders and executing change management processes
- Provides technical support to project group.

## Qualifications:

- Mechanical Engineering Degree.
- Minimum 5+ year's progressive experience in piping stress analysis within the Oil & Gas industry.
- Experience with detailed design project (EPC) execution.
- Experience using a pipe stress analysis program like Caesar II software is must.
- Detailed knowledge of piping and pipe supports, both design and calculation.
- Fluent in spoken and written English.
- Working knowledge of oil and gas industry codes and standards, including but not limited to ASME, and API.
- Able to work in Rayong area. (Office at Map Ta Phut).

## Contact US:



+66(0)2755 2800 Ext.3225, 3401



[tnsrecruit@thainippon.co.th](mailto:tnsrecruit@thainippon.co.th)