



THAI NIPPON STEEL ENGINEERING & CONSTRUCTION CORPORATION LTD.

Structural Engineer

Department: Engineering

Responsibilities:

- Performs a variety of structural engineering works for offshore oil and gas projects, including conceptual studies, FEED, estimates, and Detailed Engineering.
- Prepare markup/sketch drawings to designer for develop/generate design/construction drawings.
- Prepare structural analyses & design reports with due consideration for applicable codes & standards and maintain the required technical quality of work.
- Executing the assigned activities in accordance with all technical, quality, contractual and execution aspects of the project as per the instructions given by Lead/Senior Engineer.
- Preparing specification & structural design criteria applicable for offshore loading conditions including empty, operating, test, dynamic, fatigue, wind, seismic, blast, lifting, transportation & etc.
- Attend project review & 3D model review meetings as required Interface with all disciplines to develop a clash free design.
- Prepare MTO and Material Requisitions including vendor documentation review & technical evaluation.
- Able to go for yard visit and offshore site survey as required.

Qualifications:

- Bachelor's or Master's Degree in Civil Engineering or Structural/ Structural Offshore Engineering is preferred.
- Thai nationality, Male/Female, age 22-27 years old. New graduated engineer is welcome.
- Minimum 0-5 year experience in either onshore/offshore structural analyses & designs within the Oil and Gas industry, Engineering company or EPCI contractor.
- Strong technical knowledge in structural engineering basis especially steel structures design & analysis with resolution of technical issues.
- Proficient with preparing template and calculations sheet by using MATHCAD or Excel. Knowledge of Excel VB would be considered an advantage.
- Registered as a Civil Professional Engineer (PE) under Engineering Institution of Thailand with Associate Engineer License.
- Computer literacy of structural analysis software such as SACS, STAAD Pro, UFSOS, GRL WEAP ETABS & SAP 2000. FEA with ANSYS would be an advantage.
- Familiar with related international design codes, standards & recommended practices such as API, AISC, DNV, ISO, BS, ASTM or other international codes/guidelines including latest Thailand Building Control Act.
- Good communication skill & interpersonal (soft) skills to interface with multiple engineering disciplines and external parties.
- Ability to perform multi-tasking as assigned by Lead/Senior engineer and can be worked under pressure/time limit.
- Good command of written and spoken in English.