



JOB VACANCY

POSITION: Sr.Civil/Structural Engineer (1 position)
Permanent / (Temporary 12 Months)

Responsibilities:

- ❖ Able to be CSA (Civil, Structural & Architectural) leader for small to medium onshore civil/structural FEED/EPC project. Responsible for specifications, planning, scheduling, technical execution, budget and quantity control, material requisitions, manpower planning and progress
- ❖ Performs a variety of structural engineering work for onshore oil and gas projects, including conceptual studies, FEED, estimates, and Detailed Engineering including Construction Drawings, Structural Analysis & Reports, with due consideration for applicable codes & standards maintain the required technical quality of work.
- ❖ Preparing specification & structural design criteria applicable for onshore loading conditions including empty, operating, test, dynamic, fatigue, wind, seismic, blast, lifting, transportation & etc.
- ❖ Responsible for designing complex deliverables such as onshore process structures, pipe racks, modules, foundations, underground concrete tanks, retaining wall, warehouse, factory, paving, etc.
- ❖ Participate in Hazop and safety review meetings, Constructability Review & Attend project review & 3D model review meetings as required Interface with all disciplines to develop a clash free design.
- ❖ Review of MTO and Material Requisitions including vendor documentation review & Technical Bid Evaluation.
- ❖ Technical reviews of engineering consultant output where the work is subcontracted.
- ❖ Mentor young engineers by participate in providing training courses to developing engineers.
- ❖ Able to go for onshore yard visit site survey as required.

Qualifications:

- ❖ Bachelor's Degree in Civil Engineering or Master's Degree in Structural/ Structural Offshore Engineering is preferred.
- ❖ Registered as a Civil Professional Engineer (PE) under Engineering Institution of Thailand with Professional Engineer License.
- ❖ Computer literacy of structural analysis software such as STAAD Pro, Midas, RAM, ETABS & SAP 2000. Able to perform finite element analysis with ANSYS would be an advantage.
- ❖ Proficient with preparing template and calculations sheet by using MATHCAD or Excel. Knowledge of Excel VB would be considered an advantage.

- ❖ Fully Familiar with related international design codes, standards & recommended practices such as API, DNV, ISO, BS, ASTM and other international codes/guidelines including latest Thailand Building Control Act.
- ❖ In-depth technical knowledge about onshore structural analysis & design (including material specifications) for both reinforcement concrete and steel structures with resolution of technical issues during projects planning and execution phases.
- ❖ Strong management, communication skill and interpersonal skills to interface with multiple engineering disciplines, clients and project team. Ability to multi-task, prioritize and work in an extremely fast-paced environment
- ❖ Minimum 10 years experience in onshore structural analyses & designs within the Oil and Gas industry, Engineering company, EPCI contractor.
- ❖ Experience in onshore modification works.
- ❖ Experience with structural 3D model review software e.g. Navisworks Freedom & TEKLA.
- ❖ Experience with offshore structural design codes & standards i.e. API, AISC, EUROCODE, ISO and DNVGL.
- ❖ On-shore design experience in Concrete Foundation, Pavement, R.C. Building, Infrastructure & Anchor Bolts Design based on ACI318, AISC code & Thailand Building Control Act.
- ❖ Experience with installation engineering designs e.g. Grillage & sea-fastening design, Rigging design, Spreader bar calculations, Lifting Lugs or trunnion Calculation & etc.
- ❖ Experience in cost estimation/quantity survey is advantage.
- ❖ Experience in preparation of construction permit with IEAT is a plus.

Location: Bangna Office, Bangkok

Interested candidates may apply by sending updated CV to:

E-Mail: tns-recruit@thainippon.co.th, Kingkarn-r@thainippon.co.th

Website: www.thainippon.co.th

Line ID: [tnsrecruit](https://line.me/tv/p/00000000000000000000)

For details, please call 063-237-9838