



THAI NIPPON STEEL ENGINEERING & CONSTRUCTION CORPORATION LTD.

Post Date: 20 September 2019

## JOB VACANCY

**POSITION: E&I Engineer Operation & Maintenance (1 position)  
(Permanent)**

### Responsibilities:

- Set up and maintain data base of equipment running hours, calibration dates, lube oil change out, operating parameters, interventions, break downs, repairs, condition based maintenance/monitoring records, preventive maintenance card, reactive maintenance records, etc.
- Generate maintenance planning package i.e. preventive maintenance, predictive/condition based maintenance, corrective maintenance, upgrade etc. using Failure Mode and Effect Analysis (FMEA), Failure Mode Effect and Criticality Analysis (FMECA) or equal principles
- Compare/study the generated maintenance planning package against client maintenance planning package, based on this study generate comprehensive maintenance execution planning with look 4 weeks look ahead, 6 months look ahead and 12 months look ahead
- Prepare maintenance budget/cost estimates, list of personnel, tools & equipment, spares and consumables
- Calculate equipment availability and reliability hours
- Prepare comprehensive operational test agenda, troubleshooting or diagnostic procedures and the like
- Prepare trouble shooting/diagnostic reports, recommend solution, Review specialist reports
- Identify specialized tools & equipment and specialist personnel, condition based monitoring (vibration, acoustic emission, infrared thermograph, lube oil sampling/analysis etc.
- Prepare manpower loading, rotational and ad-hoc mob/demob schedule
- Identify required personnel competencies and certification
- Perform or lead various function of operational test and inspection i.e. instrument calibration, insulation resistance testing i.e. low and high voltage (high potential), Motorised megger testing for polarization, motor testing, current injection test, battery impedance testing, thermography etc.
- Perform or lead the inspection or testing of Ex certified electrical and electronics boxes, enclosures, motors etc.

### Qualifications:

- ❖ Bachelor of Science/Engineering major in Electrical or Instrument Engineering
- ❖ At least 10+ Years experience in the Oil & Gas Industry involving Brownfield facilities and at least 5 years experience in Operation and Maintenance of an Oil & Gas facility
- ❖ Hands on experience in troubleshooting of electrical & instrument equipment, instrument calibration, cable continuity and insulation resistance test, motor control centre/switch gear testing, current injection test and the like
- ❖ Preferably trained and obtained certification for High Voltage termination and cable testing, Ex, electrical switcher etc.
- ❖ Good command of the English Language, listening, speaking and writing

**Location:** Bangpakong, Chachoengsao

Interested candidates may apply by sending updated CV to:

E-Mail: [tns-recruit@thainippon.co.th](mailto:tns-recruit@thainippon.co.th), [Kingkarn-r@thainippon.co.th](mailto:Kingkarn-r@thainippon.co.th)

Website: [www.thainippon.co.th](http://www.thainippon.co.th) , Line ID: [tnsrecruit](https://www.facebook.com/tnsrecruit)

For details, please call 063-237-9838