

# L&T-CHIYODA LIMITED

## PLANT & PIPING ENGINEERING

(Vacancies at Vadodara)

### Requirement for engineers

BE / B.Tech – Mechanical Engineering with 3 to 15 years of experience

The job involves preparation / review of equipment layouts / Piping GAD / isometrics, piping supports and specifications. Proficiency in use of International / National codes and Standards related to layout and piping engineering. Modeling of piping and equipment in 3D environment (PDS / SP3D / PDMS). Clash check and comment incorporation. Participation in Milestone model review with client / PMC. Material take-off. Vendor document review. Knowledge and experience in flexibility (Static & Dynamic) analysis of Piping systems will be an added advantage. Experience in design of refineries, petrochemical, chemical & fertilizer, oil & gas plants will be preferred.

### Requirement for designers

Diploma in Mechanical Engineering with 3 to 20 years of experience

The job involves proficiency in use of International / National codes and standard. Preparing and reviewing equipment layouts / Piping GAD / isometrics / Nozzle orientation & piping load data drawings. Carrying-out piping routing studies and MTO. Modeling of piping and equipment in 3D environment (PDS / SP3D / PDMS). Preparing drawings in 2D environment - Micro-station / AutoCAD. Clash check comment incorporation. Reviewing of vendor drawings, 3D model, isometrics and piping GADs.

## CIVIL & STRUCTURAL ENGINEERING

(Vacancies at Vadodara)

### Requirement for engineers

BE / B.Tech – Civil Engineering with 5 to 10 years of experience

The job involves Design of Foundations for various Plant items like Equipments, Piperacks, Equipment supporting Structures, Buildings, etc. and for other Civil Works items such as Pits, Ponds, Tanks, etc. for Oil & Gas, Refinery/Petrochemicals Plants. The candidate should have hands-on experience in utilizing STAAD-Pro Structural Design software. Exposure to/Knowledge of other Civil/Structural Softwares like Mat3D, Foundation 3D, GTStruDI, SAFE & SAP would be desirable. The candidate shall have necessary Skills and Knowledge to prepare, check & review Design Calculations and Design Sketches/Drawings for Foundations and Structures, working in integrated 3D environment including interface with other departments and vendors. Exposure to any one plant design system viz. PDS, PDMS or SP-3D is essential.

### Requirement for designers

Diploma in Civil Engineering with 10 to 15 years of experience

The job involves carrying out Drafting work and 3D Modeling work for the assigned items such as Equipment Foundations, Machine Foundations, Piperacks, Equipment supporting Structures, Buildings etc. The candidate should have sound concepts of Steel and RC detailing and should be able to check/review Shop Fabrication Drawings. The candidate should have hands-on experience and expertise in operating AutoCAD/Micro station. Exposure to 3D modeling in PDS/PDMS is required. The candidate should have necessary skills and knowledge to prepare General Layout and Detail Drawings for RC/ Steel structures, working in integrated 3D environment including Interface with other departments and vendors. The Job also involves working out Material Take Off/BOQ.

## ELECTRICAL ENGINEERING

(Vacancies at Vadodara)

### Requirement for engineers

BE/B.Tech – Electrical Engineering with 4 to 8 years of experience

The job involves proposal & detail engineering for Oil & Gas Onshore processing facilities, petroleum refining, petrochemicals, chemicals, fertilizers, LNG & LPG projects. Candidate shall have sound technical knowledge of Codes & standards, Preparation/review of engineering. Deliverables and interface with other functional departments. Candidate shall be capable to carry out; Electrical Design calculations including System study (Transient stability study, Harmonics study, Arc Flash Study, Insulation coordination etc.) using software such as Digsilent, ETAP, SKM tools, EDSA etc. Prepare/review of Single Line diagrams / Electrical drawings for Substation, Control room and Plant area viz. Earthing layout, Lighting layout, Cable route layout, Fire Alarm layout, Hazardous area classification layout. Verifying and Review of 3D Model. Procurement assistance activities viz. preparation of Specifications & Requisitions, Vendor offer evaluation and review of vendor documents for HT/LT Switchgear, Substation Automation system, Transformers, UPS, DC system, DG set, Capacitor banks, Fire Alarm systems, Cathodic protection system, Electrical Heat tracing system, Electrical bulk items, Steam/Gas Turbine Generator Package, etc.

## INSTRUMENTATION & CONTROL SYSTEMS ENGINEERING

(Vacancies at Vadodara)

### Requirement for engineers

BE/B.Tech – Instrumentation & Control Systems Engineering with 8 to 12 years of experience

The job involves preparation, review of detailed engineering activities like Requisition, Offer evaluation and Vendor print review of Field instrument items including valves, flow, level and temperature instruments. Design, Conceptualise, prepare, review of instrumentation Layouts, Hook up diagrams, Bulk MTO extraction, 3D model review, interface with other departments. Prepare, offer evaluation and Vendor print review of package instrumentation. Prepare, review of System engineering deliverables - IO data base, Logic diagram, Control narrative etc.

**Walk-In**

19<sup>th</sup> November 2017, Sunday between 9:00 a.m. to 4:00 p.m.

**L & T-CHIYODA LIMITED**

**HOTEL ARAM**

**Nand Niwas, Pandit Nehru Marg, Jamnagar**

Ph No: 0288 – 2551701 / 02 / 03

Those who cannot attend may please log on to <http://careers.lnthydrocarbon.com/vacancies.aspx>. Click on L&T Chiyoda (Part of Onshore Vertical), Click on the relevant vacancy and apply.

**NOTE:** All candidates must carry a copy of their updated CV. Candidates must have throughout First Class academic record from a premiere institute and relevant experience with a reputed Engineering Consultancy Company engaged in Refinery / Petrochemical / Fertilizer Projects. Candidates who have applied earlier need not apply.