

L&T-CHIYODA LIMITED

PLANT & PIPING ENGINEERING

Lead Engineers (Piping Layout)

BE / B.Tech – Mechanical Engineering with 15 to 20 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.

Area Engineers (Piping Layout)

BE / B.Tech – Mechanical Engineering with 7 to 12 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.

PDMS Administrators

BE / B.Tech – Mechanical Engineering with 7 to 12 years of experience

The job involves to setup and configure the Global Hub / Satellite operations. Activities related to Project management environment, managing plants, Interference checking, Database maintenance, schedule batch creation, etc. Carry out the customization of piping specification and piping supports. Carry out the customization of Orthographic Drawing template, Isometrics and Report task. Resolve trouble shooting during execution of various tasks. Able to guide the 3D designers for modeling and drawing extraction task. Knowledge of the work share aspects and sharing of data between multiple centres. Installation of databases such as Oracle & MSSQL, DB creation, managing the SQL queries. Integrate PDMS with other third party software. Knowledge of programming - to develop Utilities program for inter-operability of PDMS with other software. Conduct training for the various tasks - Piping, Equipment, Drawing and Report. Readiness to travel for short / long term assignments to various offices / sites. Knowledge of PDS / SP3D administration will be an added advantage.

PDMS/PDS/SP3D Modellers

Diploma in Mechanical Engineering with 5 to 10 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 & BUILDING ENGINEERING

Senior 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.

Senior 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/Microstation. 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

Senior Engineers

BE/B.Tech – Electrical Engineering with 4 to 11 years of experience

The job involves proposal & detail engineering for Oil & Gas Onshore processing facilities, petroleum refining, petrochemicals, chemicals and fertilizers. 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.

MECHANICAL STATIC EQUIPMENT ENGINEERING

Lead Engineers

BE/B.Tech – Mechanical Engineering with 15 to 20 years of experience

The job involves estimation of weight of equipment during Proposal Engineering to enable knock-down costing as well as providing information to other disciplines for Proposal Engineering. Calculation of work volume for Erection, Painting and Insulation. Load Data calculation for inputs to Civil/Foundation design. Generation of Mechanical Design Datasheet of Pressure Vessel. Preparation of Material Requisition. Providing clarifications to Technical Queries from Client, PMC and Vendors. Vendor Offer review, preparation of Technical Bid Evaluation Report & vendor drawing review. Interface with Vendor and Site-Construction Team. Statutory Approval viz. IBR, CCOE, etc.

Senior Engineers (Column Internals)

BE/B.Tech – Mechanical Engineering with 10 to 15 years of experience

The job involves reviewing vendor drawings, procedures & calculations of column internals. Vendor offer evaluation. Preparation of requisition & TBE. Review of Nozzle orientation drawings. Supervision of internals installation at site. Witnessing shop trial assembly of internals. Review of hydraulic calculations.

MECHANICAL ROTARY ENGINEERING**Lead Engineers**

BE/B.Tech – Mechanical Engineering with 15 to 20 years of experience

The job involves ensuring quality and timelines for deliverables such as specifications, Requisition, Technical Bid Analysis, comments on Vendor Prints. Thoroughly conversant with selection of rotating machinery viz. Compressors, turbines, pumps, blowers and fans. Well versed with API Standards for respective machinery and also familiar with material standards and specifications as well as the requirements of ASME. Actively communicate with other disciplines to optimize areas of interface during the design development. Support/ implement departmental quality management programs. Provide technical guidance to task force members. Interface engineering for rotating equipment with all other disciplines. Effective communication with international Client and Vendors. Experience of witnessing test for Compressors and Pumps at supplier works. Bring-in improvement in the engineering systems and alternatives through value engineering of rotary equipment systems. Trouble-shoot and resolve site problems.

PROJECT ENGINEERING**Senior Engineers**

BE/B.Tech – Mechanical Engineering/Chemical Engineering with 8 to 13 years of experience

The job involves planning and organizing the project engineering activities and the assigned resources (engineering specialists, subcontractors, tools, etc.) providing all needed explanation / support. Monitor and control engineering deliverables schedule as well as holds. Perform interdisciplinary co-ordination and interfacing with vendors. Monitor and control execution quantities. Candidate need to have Technical Knowledge in relevant field as well as experience in engineering management in an EPC organization. Hands-on experience of Primavera / planning tools is preferred.

All Vacancies are at our Vadodara Office

Walk-In

4th February 2018, Sunday between 09:00 a.m. to 4:00 p.m.

**The Mirador Hotel
131/B, New Link Road, Chakala,
Andheri East, Mumbai**

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.