



## **SAIPEM TRIUNE ENGINEERING PVT. LTD.**

### **Head of Department (Process)**

- Process simulations – HYSYS & PRO II. Experience in Flarenet, Pipesim, PIPENET & Heat Exchanger design in HTRI is preferable.
- Familiar with national and international design codes & standards like API, ASME, NACE.
- Basic Engineering, FEED & Detailed Process design activities such as preparation of PFD/P&ID, Line list, Material Balance, hydraulic check, sizing of process equipment, preparation of process datasheet & technical specifications, safety valve load calculation etc.
- Knowledge of operation methodology / philosophies with instrumentation and control strategies & design approach.
- Ability to understand tender, client's requirement and project scope.
- Interaction and co-ordination with project / customer / other engineering disciplines/ vendors as required.
- Team leadership quality to lead team of process engineers & draftsmen and effective job distribution controlling quality & expediting of deliverables.
- Review and approval of process deliverables. Ensure all work carried out conforms with agreed codes and practices and meets all requirements of the contracts specification.
- Review/Preparation of man hour estimates.
- Ensure quality of documents.
- Development / up gradation of Technical skills, standards & specifications. Training to GETs & Engineers.
- Experience of HAZOP.

**Education:** B.E/B.Tech in Chemical Engineering

**Experience:** 20+ yrs of Experience in Oil & Gas / Refinery, preferably in Engineering / EPC Consulting Company.

**Location:** Delhi

### **Lead Engineer (Process)**

- Process simulation in HYSYS, PRO II.
- Preparation of PFD's, Process & Utility P&ID's. Preparation of process datasheet for Mechanical.
- Preparation of design philosophies such as flare/ blowdown, draining, isolation, control & operating, etc.
- Participate in HAZOP & HAZOP Closeout.
- Preparation of commissioning & pre-commissioning procedures & operating manuals.
- Preparation of Process Design Basis & Process Description and Control Scheme.
- Preparation of PFD's, Process and Utility P & ID's. Preparation of Process datasheet for Mechanical equipment.
- Preparation of Instrument Process Data Sheets.
- Preparation of Equipment List, Load List, Line List, Hazardous Source List, Cause and Effect Chart. Utility balance calculations. Sizing of Pressure Relief Valves, Line Sizing and Pressure drop calculations.
- Interaction & coordination with projects/ other engineering disciplines/ customers etc.
- Ensure quality of deliverables.
- Participation in HAZOP.
- Preparation of Manhour estimates.
- Assistance to HOD in project activities, control of manhour, review of any change in scope of work.

**Education:** B.E/B.Tech in Chemical Engineering

**Experience:** More than 10 yrs of Experience in Oil & Gas / Refinery, preferably in Engineering / EPC Consulting Company.

**Location:** Delhi