

## JOB DESCRIPTION – JOB ENGINEER

### RESPONSIBILITY

- To generate Engineering design deliverables prepared with due diligence after appropriate consideration of client's requirement and in line with instructions received from Lead Engineer and in comprehensive compliance with PLE's Quality Systems Procedure;
- To adopt and encourage a **First-Time-Right (FTR)** approach for preparation of design deliverables and ensure alignment to approved schedule.

### ROLE PURPOSE

#### Essential

- Obtain/assimilate relevant design input from Lead Engineer and other agents in Project and incorporate in the deliverables;
- Ensure preparation of design deliverables with due consideration for applicable Codes & Standards;
- Ensure prompt Coordination with the other Engineering disciplines.
- Vendor interactions
- Ensure appropriate checking & review of all documents / drawings before release at any Revision status.
- Assist lead in Work planning, progress monitoring and adherence to scheduled completion of engineering documents.
- Preparation / checking of deliverable as per quality plan.
- Schedule adherence for job assigned.

#### Secondary

- Assist HOD / Lead Engineer in all departmental functions.
- Checking and Review of vendor documents
- Updating information on products and vendors/sub-contracts
- Review of critical systems with Lead Engineer and perform necessary steps to produce quality product.
- Acts as a mentor for GET's / EDHT's

## **PROFESSIONAL QUALIFICATION**

**Essential** : Graduate/Post Graduate in Chemical Engineering.

**Desired** : Conversant with Process Simulation tools.

## **EXPERIENCE**

Minimum 2 - 5 years relevant experience

## **SOFTWARE SKILLS**

### **Essential**

- Proficient with MS Office suite like MS Word, MS Excel, MS PowerPoint etc.
- Trained in/working knowledge of software applications like HYSYS, HTFS etc.

### **Desired**

- Trained in/working knowledge of software applications like ASPEN, Pro-II and similar tools.  
Knowledge about the Pipeline simulation software as Pipeline studio/PIPESIM

## **TECHNICAL SKILLS**

### **Essential**

- Experience in developing HMB.
- Experience in process design of Refinery, Oil & Gas, Petrochemical, Pipeline projects in an EPC environment.
- Experience in process simulation, PFD and P&ID development, equipment sizing, system hydraulic calculations, safety valve, blow down, and flare sizing.
- Knowledge about the development of process datasheet for columns, vessels, pumps etc.
- Knowledge about the development of Instruments datasheet
- Possess good knowledge of industrial and company standards (design guidelines) such as API, Shell DEP's, and PTS etc.
- Ensure quality adherence with Company's quality document.

### **Desired**

- Knowledge of E /EPC/EPCM projects.
- Exposure in multitasking working environment.

**BEHAVIORAL SKILLS**

Behavioral Skills	Essential	Desired
Coordination	✓	
Data Analysis	✓	
Attention to detail	✓	
Planning & Organizing	✓	
Decision making & Objectivity		✓
Prioritizing		✓
Integrity	✓	
Communication		✓
Accountability	✓	
Team Orientation	✓	
Customer Orientation		✓
Quality Orientation	✓	