

## 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 Inter-Departmental -Coordination process on Revision-A deliverables
- Ensure appropriate checking & review of all documents / drawings before release at any Revision status.
- Work planning, progress monitoring and adherence to scheduled completion of engineering documents.
- Preparation / checking of deliverable as per quality plan.
- Effective utilization of manpower 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.

### PROFESSIONAL QUALIFICATION

#### Essential

- Graduate Engineer in Mechanical

**Desired**

- Membership of Professional Institutes

**EXPERIENCE**

Minimum 3 years relevant experience

**SOFTWARE SKILLS****Essential:**

- Proficient with MS Office applications like MS Word MS Excel.

**Desired:**

- Trained in/working knowledge of, software applications like PDS / PDMS / Caesar-II / Navis Works / Smart Plant Review/ Ms Power point / AutoCAD/ Autoplant/ IPMS.

**TECHNICAL SKILLS****Essential:**

- Awareness & understanding of applicable Codes & Standards. Capability to interpret codes & standards.
- Knowledge of plot plans, equipment layouts, piping studies, nozzle orientation, GAD's and isometrics.
- Knowledge of material take offs for bulk items.
- Knowledge of piping materials specifications, valve, valve, data sheets, M.R's, Technical bid evaluations and vendor drawings.
- Knowledge of stress analysis.
- Ability to coordinate with other departments.
- Working knowledge/understanding of all engineering design tools to be used.
- Knowledge of Caesar 11 for stress analysis.
- Cost and quality consciousness.
- Awareness of company's quality standards and procedures.
- Adherence to scheduled completion of engineering documents.

**Desired:**

- Progress reporting.
- 3 D model review internal / external (with client).

**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	✓	