

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.
- Participation in vendor meetings
- Attend to site queries and visit site if required.

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** : B.E./ B.Tech in Mechanical Engineering
- **Desired** : M.E./M.Tech in Mechanical Engineering

EXPERIENCE

Minimum 5 - 10 years relevant experience

SOFTWARE SKILLS

Essential

- PVElite
- Microsoft office
- Able to work in MS Windows environment
- Familiarity with packages where predominant scope is of static equipment

Desired

- Microprotol, Compress, Aspen B JAC
- Autocad working knowledge

TECHNICAL SKILLS

Essential

- In depth knowledge of static equipment and related national and international Codes and standards viz. ASME, TEMA, API, IS, etc.
- Perform design calculation of pressure vessels, columns, shell and tube type heat exchangers, storage tanks, filters manually and with software.
- Analyze vendor offer and prepare TBA and raise TQs.
- Knowledge of static equipment related piping codes.
- Knowledge of handling air coolers, ejectors
- Analytical ability and problem solving skills
- Good Communication Skills.
- Coordination with supplier and Inter disciplines.

Desired

- Knowledge plate type heat exchanger design.
- Knowledge Column internal
- Knowledge of Man hour estimate preparation.

- Knowledge of Fabrication and manufacturing processes.
- Knowledge of pig launcher/ receiver design.
- Knowledge of codes viz, AD-Merkblätter, BS, EN

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 | ✓ | |