

JOB DESCRIPTION – LEAD ENGINEER

RESPONSIBILITY

To ensure generation of Engineering design deliverables prepared with due diligence after appropriate consideration of client's requirement and comprehensive compliance with PLE's Quality Systems Procedure; to encourage a **First-Time-Right (FTR)** approach for preparation of design deliverables, per approved budget/schedule.

ROLE PURPOSE

Essential

- Lead & own the process of preparation of design deliverables with due consideration for applicable Codes & Standards.
- Interface with Leads of other departments to reflect the as-on-date input from other departments, as applicable.
- Take ownership of deliverables produced & their quality.
- Capture all changes / modifications in the deliverables that has been intimated by Project, prior to release of deliverable.
- Ensure appropriate checking & review of all documents / drawings before release at any Revision status.
- Attend project review meetings.
- Attend short term weekly planning
- Organize tool box meeting with team members.
- Organize vendor meeting, vendor shop visit.
- Manpower estimation, planning / forecast and effective utilization of manpower.
- Coordination with the other Engineering disciplines.
- Control of Quality of engineering documents with regard to Quality assurance basis.
- Assist HOD in all departmental functions.

Secondary

- Identify training needs of team members.
- Keep HOD informed on progress of project, with agreed periodicity.
- Monitor Budget Compliance of design deliverable production.
- Escalate resource / infrastructure issues / concern areas that implicate the production process, to the right office / agency.
- Acts as a mentor for GET's / EDHT's.

PROFESSIONAL QUALIFICATION

- Essential** : B.E / B.Tech Instrumentation & Controls
Desired : B.E / B.Tech Instrumentation & Controls

Experience

Minimum 10 years relevant experience

TECHNICAL SKILLS
Essential

- Knowledge about latest ASME, IEC, API, ISA codes & other international standards.
- Knowledge about all the field instruments including control valves, safety valves
- Knowledge of Process Analyzers, Gas Chromatographs, Stack Analyzers
- Knowledge about the control systems like DCS, ESD, PLC, F&G, SCADA etc.
- Knowledge about the foundation field bus technology
- Knowledge about the SIL verification and validation techniques
- Knowledge about the compressors controls, turbine controls
- Knowledge about the custody metering/ Fiscal Metering systems
- Knowledge about the detail engineering activities like layouts, MTO, schedules, logic diagrams etc.
- Awareness about the market availability of various makes & models of equipment.
- Knowledge about materials selection for instrumentation
- Knowledge about prevailing engineering practices in Indian & international Market.
- Knowledge about the sizing of control valves, safety valves, orifice plates, wake frequency calculations for thermo-wells etc.

Desired

- Knowledge of In Tools software's
- Knowledge of instrument Sizing software's
- Knowledge of MS office

BEHAVIORAL SKILLS

Behavioral Skills	Essential	Desired
Communication	✓	
Interpersonal Skills	✓	
Planning & Organizing	✓	

Prioritising	✓	
Decision making & Objectivity	✓	
Leadership	✓	
Empowerment & Delegation	✓	
Change Management	✓	
Conflict Management	✓	
Integrity	✓	
Accountability	✓	
Team Orientation	✓	
Customer Orientation	✓	
Quality Orientation	✓	