



Selas Fluid Processing Corporation

Job Specification

THE LINDE GROUP

Job Title:	Plant Design Engineer (PDE)
Reports to: (Position):	Business Unit Director - HYCO
Last Updated:	June 2010

Position Summary

The Plant Design Engineer will be part of an international project team, responsible to develop specifications for procurement of bulk material by applying technical requirements and relevant industry standards, codes and/or project-specific standards. Extensive communication with other team members and a willingness to travel will be required. In addition to technical duties, the PDE is responsible for controlling the schedule and budget of all civil, structural and piping design related items.

Key Areas of Responsibility

- The PDE is responsible for the development of the 3D model, coordinating the input from civil, structural and piping designers and engineers, both in the SF office and other LE entities.
- Develops design specifications.
- Provides Plant Design information to the project team throughout the various proposal, engineering and construction phases.
- Assures the accuracy of Plant Design information as shown on project piping and instrumentation drawings (P&ID's).
- Achieves Plant Design budgets & schedules on assigned projects.
- In cooperation with the Procurement Department, provides data for quotations, purchase specifications, bid evaluations & purchase requisitions.
- Will conduct or support module inspections and support site construction team.
- Responds promptly to vendor or contractor requests for clarifications on project requirements
- Reviews and approves supplier or module fabricator documentation.
- Performs other responsibilities as may be required from time to time

Required Skills

- Working knowledge of International Codes and Standards for Plant Design and ancillary equipment & controls.
- Effective computer skills: Microsoft Office software, Lotus Notes, PDS, Smartplant 3D and other Company and discipline-specific software applications.
- Effective communication skills, both verbal and written, with superiors, peers, subordinates and other individuals inside and outside the Company.
- Flexibility; willing and able to adapt to Selas Fluid / Linde working methods & tools
- Effective analytical and problem-solving skills.
- Ability & willingness to accept domestic and international travel / work assignments.

Education/Experience

- Bachelor's degree in either Chemical Engineering or Mechanical Engineering.
- Minimum of three years experience in a process-oriented E/P/C company or in an operating company with Plant Design engineering duties.