

SR PROCESS ENGINEER

Immediate Open

Full Time Salary Exempt

Monday through Friday, 8:00 am – 4:30 pm (flexible)

Summary:

The Sr. Process Engineer is a key contributor for effective sales growth and placement of the HPS evaporation and distillation product line by implementing engineering solutions uniquely individual to each customer application from conception through commissioning. The Sr. Process Engineer provides key technical leadership within the team and in front of the customer.

Responsibilities:

- Work with customers to understand their needs and effectively engineer solutions as well as communicate the customers' needs to the organization.
- Develop innovative solutions to meet the customer's application objective. This includes process simulation, bench scale and pilot testing, and working with suppliers.
- Maintain product knowledge to support customer applications.
- Develop PFD's, P&ID's, perform mass and energy balances and hydraulic calculations to size components and develop specifications/data sheets, review vendor equipment technical documents and drawings.
- Work with project engineering and mechanical design team for developing general arrangement layout of equipment and skidded modules.
- Work in the laboratory in setting-up, operating and evaluating data from bench scale and pilot testing.
- Assist the sales team to respond to customer RFQ's with engineered solutions and commercial proposals (this includes: product selection and design, cost estimating, pricing and technical support).
- Assist with troubleshooting during the manufacturing process and when the product is in the field, up to and including visits to customer's sites for support.
- Assist when needed with scheduled project commissioning and startups including SAT (site acceptance test) at the customer's location.
- Support the team with product improvement initiatives, providing customer insight and technical product knowledge.
- Customer and site visits as needed to support above responsibilities

Education and Experience:

- B.S. or M.S. Chemical Engineering with a minimum of 5 years of experience
- 5+ years of experience working in the process equipment industry is a plus.
- Preferred experience in using chemical simulation software (i.e. Aspen, HYSIS, ChemCAD, etc.) and AutoCAD.
- 5+ years working knowledge/experience in one or more of the following is preferred: Evaporation, Distillation, Crystallization, Heat Transfer or Thermal Systems.
- 5 to 10 yrs. market knowledge/experience in one or more of the following preferred: chemical industry, food & beverage industry, pharmaceutical industry, renewable energy, oil & gas

Skills / Competencies:

- Technical aptitude / Strong technical understanding of process equipment and machinery.
- Innovative and creative thinking “think outside the box” and provide solutions to customers.
- Ability to become a technical expert and comfortable in taking a technical leadership role with stakeholders, customers, and team members.
- Multi-tasking skills
- Communication and interpersonal skills
- Self-starter and has a drive for results
- Strong ability to work with a team

Physical Requirements:

- Must be able to work in an office and/or from home.
- Must be able to work in a laboratory, including setting up tests, using analytical equipment, etc.
- Must be able to work in a plant environment, including walking climbing ladders, prolonged periods of standing...

Travel: Must be willing to travel when needed. Current Domestic travel needs 10 – 20%, possible future International travel.

Send resumes to jobs@hebeler.com