

Design Engineer

Summary:

The function of a Design Engineer at BETE utilizes creativity and engineering skills to design products for customers with fluid spray processes problems in a diverse range of critical industrial processes. Implement product and process improvements to improve product lines and support world class quality manufacturing and customer service at a dynamic and growing company.

Duties and Responsibilities:

- Work on the full scope of the product design process as a member of the Design team and interact with customers, Sales, Applications Engineering, Quality, R&D and Manufacturing to create innovative design solutions for customers' spray process problems in the fast-paced fluids industry.
- Provide technical product line expertise to support manufacturing processes such as CNC machining of alloys and polymers, investment casting and welding of a range of alloys.
- Develop prototypes, analyze test data, create design documents, and make design change recommendations for new and existing products.
- Identify and implement opportunities to standardize product lines, improve product performance and reduce costs.
- Utilize resources such as advanced spray lab, rapid prototype machine and dedicated machining center to expand the technical design basis for BETE products.

Interpersonal Skills

- Ability to interact with people and communicate clearly and effectively.
- Ability to work as a team member within engineering and in interdisciplinary teams.
- Ability to write technically includes project scopes, experiment summaries, technical basis documents.

Technical Skills

- Creativity, initiative and problem-solving using engineering skills.
- Demonstrated proficiency with 3D CAD packages (AutoDesk Inventor preferred) and MS office software.
- Demonstrated proficiency with design practices and manufacturing processes applied to design for manufacturing.
- Ability to identify process improvements and solve technical problems.
- Ability to manage multiple projects while meeting required due dates and providing high quality output.
- Understanding of fluid dynamics, R&D, and CAD/CAM manufacturing is a plus.
- Experience with pressure piping codes and standards, such as ASME B31.3, and design of welded assemblies is a plus.

Performance Expectations

- Demonstrated problem solving and conflict resolution with customers, colleagues, and sales partners.
- Ability to handle multiple tasks in an effective and efficient manner.
- Advanced understanding of product line.
- Demonstrated confidentiality.

Experience

- Experience in a manufacturing setting is preferred.
- Four-year degree in an engineering discipline or equivalent professional experience.

Pay Rate: \$65,000

This job description is intended to describe the general nature and level of work performed by employees in this position. It is not intended to be an exhaustive list of all duties, responsibilities, or qualifications. Management reserves the right to modify duties as necessary to meet business needs.

Why Join Us?

Hands-on, team-oriented work environment. Cross training opportunities across departments. Overtime opportunities. Stable manufacturing environment with growth potential.

How to Apply

To explore current opportunities and submit your application, please visit our website at www.bete.com and navigate to the Careers section. You may also email your resume directly to hr@bete.com

*Please note that employment is contingent upon successful completion of a pre-employment drug screening and background check.



We are proud to be an Equal Opportunity Employer (M/F/D/V).

Benefits to working with BETE:

A competitive benefits package that includes: 401(k) Retirement Savings Program (including a company match), Health, Dental, and Vision Insurance. Flexible Spending Account and Dependent Care Spending Accounts. MA Paid Family Medical Leave, Employer Paid Life and AD&D Insurance(s), Voluntary Family Life Insurance; AD&D & Critical Care, Employee Assistance Program. Vacation Time, Sick Time, Float Time. Employee Referral Program, Tuition Reimbursement, Bi-Annual Discretionary Bonuses (June & December), 8 ½ paid holidays, and an on-site fitness facility.

History of BETE:

Founded in 1950 in Greenfield, MA, BETE operated as a family-owned business until 2024, when Matthew Bete's strategic partnership with EXAIR opened the door to significant opportunities and growth. BETE's established USA manufacturing and strong international presence continue to thrive with the support of our distributor network and growing subsidiaries in Germany and Europe. BETE's spray



technology is used worldwide to optimize processes in various markets, including food, beverage, petrochemical, chemical, and pollution control. We manufacture tens of thousands of different products, including fog and misting nozzles, tank cleaning nozzles, material injection nozzles, custom spray lances, fabrications, and spray systems. We offer Advanced Spray Engineering Services to solve more challenging and critical problems, including the ability to perform CFD studies and physical testing. Our decades of experience in spray design and applications engineering, combined with our CNC machine shop, foundry, and spray lab, are used to design, manufacture, and test our products. Our innovations improve sustainable operations in a broad range of industries. We listen to and partner with our customers to ensure the optimal solution for their spraying challenge.