



BETE FOG NOZZLE, LLC  
50 GREENFIELD STREET  
GREENFIELD, MA  
01301 USA

## 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 cost.
- 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 including 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 preferred.
- Four-year degree in an engineering discipline or equivalent professional experience.

### **Benefits to working with BETE:**

A competitive benefits package that includes: 401(k) Retirement Savings Program (includes 25% company match), Health and Dental Insurance (after 30days), Flexible Spending Account and Dependent Care Spending Accounts, Life and AD&D Insurance(s), Employee Assistance Program, Company Paid Life Insurance, Vacation Time, Sick Time, Employee Referral Program, Tuition Reimbursement, Bi-Annual Discretionary Bonuses (June & December), 8 ½ paid holidays, On-site fitness facility, and All Employee Annual Fall Company Outing.

If you meet the requirements outlined throughout the position descriptions above and are interested in working for a well-established, successful, and progressive local area business, we would be delighted to hear from you.

To apply, simply click on the “Apply Now” tile on the Career Opportunities page; here you can submit your contact information and a cover letter/resume to our recruiting team. Or you can email a copy of your current cover letter/resume to our team at [hr@bete.com](mailto:hr@bete.com) someone will be in touch with you shortly thereafter.

We are an Equal Opportunity Employer. M/F/D/V