



## **Design Engineer**

### **Who we are**

Truck Bodies & Equipment International (TBEI), a *Subsidiary of Federal Signal Corporation*, encompasses five leading manufacturers of dump bodies and trailers, landscape bodies, grain bodies, platforms, hoists, and truck and trailer equipment and accessories. We are a publicly-owned company which highlights:

- 1,000+ distributors and dealers, across North America
- 6 major brands
- Industry-leading technology, management team, and performance
- High quality products including military-spec dump bodies for the US Armed Forces

### **What we do**

TBEI, Inc. manufactures and installs dump bodies, dump trailers, and equipment. From fabricating raw steel to precise machining capabilities to welding and finish paint, TBEI provides customers with a “one-stop-shop” for their complete dump truck/trailer needs. Dump bodies and other equipment are then installed and mounted onto truck chassis at one of our manufacturing facilities across the US or shipped to our distribution network.

### **TBEI – Mission Statement**

We are a leading manufacturer of truck bodies, trailers and hoists in the USA. We enable the safe and efficient transportation of material in the construction, defense and agriculture markets. Each member of our team strives to exceed customer expectations with prompt delivery, exceptional quality, and unmatched response times. We do this through the development of market leading products with a commitment to continuous improvement of our employees, our production techniques and our product lines. “We don’t make the truck, we make the truck work.....We put the work in a Work Truck”

### **What we are like**

Our company is smaller in size but big in ideas. We have 5 manufacturing facilities across the US in the states of North Dakota, Minnesota, Mississippi, Texas and Alabama. In whole, TBEI has over 700 employees. Our vision is to grow the revenue of our already successful business. We work on creating an atmosphere where people feel good about coming to work and the work that they do. We are a hands-on management team supporting our people along the way.

## Responsibilities & Qualifications

### Summary:

- Produce accurate and clear engineering drawings and accurate bills of materials for new and existing products
- Create custom designs and layouts in SolidWorks / Pro/Engineer as required to meet customer orders or other specifications
- Reviewing project proposals or plans to determine time frame and procedures for accomplishing project
- Reviewing product design for compliance with engineering principles, company standards, customer contract requirements, and related specifications
- Analyzing research data and proposed product specifications to determine feasibility of product proposal.
- Evaluating design changes, specifications, and drawing releases
- Offer Warranty assistance
- Prepare costing reports on current and new designs
- Be flexible to take on special projects as needed
- Preparing interim and completion project reports as required
- Participating in seminars, meetings, and training sessions to stay apprised of new developments in the fields
- Conferring with workers in other departments such as marketing, manufacturing, and engineering, to provide technical information
- Other duties as assigned

Tools Used: Computer, phone, fax, calculator and measuring tools

Software Used: SolidWorks Software, Syteline, MS Office

Environment: Office area, production floor and distributor locations

### Requirements:

1. Bachelor's degree in Engineering, plus 2 years manufacturing experience preferred.
2. Excellent verbal and written communication skills
3. Must be able to maintain, be responsible for, and keep current on scheduled workload
4. Ability to see situations from a variety of viewpoints (customer, employee, management, etc.)
5. Occasional travel, valid Driver's License with a good driving record.
6. Experience in the truck equipment industry preferred.
7. Ability to attend and participate in required company meetings.
8. Ability to work with all levels of the organization
9. Proficient in computer modeling programs such as SolidWorks
10. Basic hydraulics knowledge preferred.
11. Must be a team player with high integrity and strong work ethics to meet company goals.

### **What will make you Successful**

Experience will get you in the door, but your passion and ability to provide detailed, timely support to internal customers, along with a positive attitude will help you be successful.

### **Benefits**

We offer a full scale of benefits including health, dental, vision, STD, LTD and several life insurance options. Our 401k plan is available to you the first of the quarter following 6 months of employment.

### **What should I do?**

If you believe you have what it takes to be a part of the TBEI team, complete an application online at [www.tbei.com](http://www.tbei.com). We are proud to be an EEO/AA Employer.