Job Title: Project Engineer (Avilla, IN)

Position Summary:

This engineering position will be expected to perform product design, development, build, product release, and project management responsibility for the lifecycle of the project.

Skill Requirements:

- Experience designing and developing steel fabricated and machined products, preferably in a steel fabrication facility. Experience with construction equipment, material handling, asphalt equipment, and/or metal recycling equipment design is a plus.
- Experience in a Project Engineer or equivalent role, with direct responsibility for product design and development throughout the product lifecycle.
- Knowledgeable in, and able to apply, engineering principles related to mechanical design including stress, strain and fatigue. Demonstrated ability to do hand calculations.
- Knowledge of steel materials is a plus.
- Experience with Autodesk Inventor and/or SolidWorks is a must.
- Regular and predictable attendance.
- Self-directed with a high degree of self-motivation. Able to work on teams or alone, to achieve assigned tasks.
- Proficient computer skills and abilities with Microsoft Office products (Outlook, Excel, PowerPoint, etc.).
- Has hands-on experience with mechanical products and knowledge of manufacturing/fabricating processes and their application to design is a must.
- Excellent written and verbal communications skills.

Education and Experience Requirements:

Bachelor of Science in Mechanical Engineer or equivalent engineering degree.

Responsibilities of Position:

- Responsible for the lifecycle of assigned projects typically consisting of product design, development, build, product release, and project management.
- Creates concepts, working models, and 2-D and 3-D detailed drawings/models. Conduct functional drawing checking prior to release.
- Perform required analysis (e.g. hand calculations) to insure designs meet engineering principles.
- Conduct design reviews to get concurrence from customers and applicable internal functions in a cross-functional environment.
- Perform administrative activities necessary for the effective management of the project including, timelines, costing, customer feasibility and production documents.
• Performs related duties and special projects as assigned.
• Will work with end customer for field measurements and project requirements.

**Licensing or Special Certification Requirements:**

• Valid driver's license.

**Physical Requirements:**

• Ability to work at a personal computer for extended periods of time.
• Travels to plant, supplier, and customer sites.

**Working Conditions:**

• Occasionally lifts up to 30 pounds and frequently carries up to 15 pounds.
• Maneuvers in, around, and about fabrication floor and equipment on a regular and continuous basis.
• Some of work time is spent standing, walking, lifting, and bending. Works at telephone answering equipment, design equipment, and at a PC.

**Job Type:** Full-time

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