

## **Manufacturing Engineer**

### **Primary Purpose:**

The Engineer reports directly to the Manufacturing Engineering Manager. The main responsibility of the role is to support the short- and long-term goals of the manufacturing team around key performance metrics associated with Safety, Quality, Delivery, Cost and Human Resources. This includes equipment manuals, engineering change notices, and other standard engineering work.

### **Essential Duties and Responsibilities:**

- Support design and New Product Development team related to product introductions or changes. Support may include, but is not limited to drawing updates, prototype support, membership on Product Launch Teams (PLT's), problem solving, timeline adherence and overall execution
- Participate with the creation and updating equipment manuals for Allen Engineering
- Provide support to manufacturing and assembly operations on a regular basis. This includes but is not limited to: Product structures (BOM's and routings), product drawings, product 3D models, fixture design, root cause problem solving, process improvements, tooling and capital purchases, and product improvements.
- Maintain an exceptionally high standard for quality and specification adherence. Assure process controls and workmanship meet customer quality requirements. Support manufacturing, sales and design engineering teams in product specifications and assure necessary tools and processes exist to drive compliance
- Show visible support of all health, safety, environmental and 5S programs
- Maintain professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; benchmarking state-of-the-art practices; participating in professional societies.
- Support maintenance team through capital equipment floor layouts and justifications
- Support all departments with cost savings and improvement opportunities as needed.

### **Qualifications:**

- Engineering degree preferred but not required
- In-Design & Inventor software experience is a plus
- Ability to constructively work with all internal and external organizations.
- Excellent communication skills both verbal and written.
- Hands-on, team-oriented leadership style - Driver.
- Excellent analytical skills. Critical thinker.
- Energetic, Positive, Can-do attitude.
- Ability to manage multiple, complex tasks with excellent attention to detail.
- Strong planning, leadership and administrative skills.
- Experience in an ERP environment (Syspro) and understanding of MS Office suite programs

**Work Experience**

- Manufacturing engineering experience preferably in a metal fabrication manufacturing environment preferred

**Work Environment**

- Work performed in an office and manufacturing plant environment. Normal mobility to move around an office environment, able to conduct normal amount of work at a computer. Continuously walks and stands. Frequently performs fine finger movements, grips/grasps, push/pulls, bends/stoops, and lifts and carries parts up to forty (40) lbs.