



**Job Title:** Manufacturing Engineer  
**Department:** Manufacturing Engineering  
**Reports To:** Manufacturing Engineering Manager

**Role Priorities:**

1. Process Improvement
2. Problem Resolution
3. Project Management

**Role Qualifications:**

Must be able to improve manufacturing processes and methods for cost-reduction, quality improvement and efficiency.

**Position Summary:**

Develops and implements optimal, cost-effective manufacturing processes and methods in accordance with product specifications and quality standards. Recommends and implements improvements to production processes, methods and controls. Coordinates manufacturing launch for new or revised products.

**Essential Job Knowledge, Skills and Experience:**

- Bachelor's degree in Manufacturing Engineering, Industrial Engineering or related field.
- Planning: an ability to think ahead and plan over a 3-6 month time span.
- Experience in manufacturing engineering or a commensurate level of experience with related products. Must be able to handle multiple projects simultaneously.
- Must have knowledge of computers, machining and assembly practices, tools and fixturing.
- Ability to communicate verbally, in writing and make presentations.
- Ability to work with vendors, customers and employees.
- Excellent communications skills.
- Must excel at working in a team environment.

**Beneficial Skills and Experience:**

- Capital improvement.
- Computer assisted design (CAD) proficiency.
- Computer proficiency.

**Essential Duties and Responsibilities:**

- Responsible for the development of engineering instructions using manufacturing engineering practices.
- Prepare quotations for labor, tooling and equipment to support the business unit requirements.
- Participate in concurrent engineering design reviews.
- Evaluate and approve drawings, routings, specs and other documents.
- Design and procure tools/equipment.
- Write appropriation requests.
- Evaluate and solve production problems.
- Conduct training to introduce new processes.
- Prepare/manufacture prototypes as required utilizing the principals of concurrent engineering.

**Supervisory Responsibility:**

- None.

**Physical Demands:**

- Required to sit or stand and move about the facility.
- Occasional lifting of items not to exceed 50 lbs.

**Personal Protective Equipment:**

- Will be required to use safety glasses while performing specific tasks or while in specific manufacturing areas.

**Work Environment:**

- Combination of office and plant environment. Will be required to perform other duties as requested, directed or assigned.