



Domaille Engineering, an ultra-precision design and manufacturing company, who is seeking highly-motivated, qualified candidates to join our team as an Associate Engineer.

We provide an atmosphere where your creativity and skills will contribute to the growth of the company and the advancement of the team. We offer a comprehensive benefits package. To learn more about our products and services, visit our webpage, [www.DomailleEngineering.com](http://www.DomailleEngineering.com).

### **Primary Objective:**

Develops, plans, and establishes the manufacturing process of assigned components and assemblies to ensure they meet established specifications. Ensures customer requirements are achieved and that parts are manufactured in a cost effective and timely manner. Assists with proposal preparation and estimating as needed.

### **Major Areas of Accountability**

#### 1. Develops Quality Driven, Cost Effective Processes

*Develops quality processes and procedures for the cost effective manufacture of parts and assemblies according to customer specifications.*

- Incorporates mistake proofing into methods, processes and fixturing/tooling.
- Develop/utilize processes that allow for unattended machining and probing.
- Analyzes short- and long-term needs for the project.
- Develops time standards for the manufacturing processes.
- Develops and maintains manufacturing documentation, including CAD drawings for cutting tools, jigs, fixtures and assembly tooling.
- Documents the production process in a manner that can be understood and implemented by production personnel.
- Identifies project needs at time of quote/proposal including capital equipment.

#### 2. Input and Maintenance of Manufacturing Plan in ERP System

- Responsible for accurate input of the manufacturing plan into Global Shop (ERP) and maintenance of the following key elements of the system:
  - Inventory parts
  - Product structure
  - Routings
  - Creation and maintenance of orders
  - Configuration control (engineering changes etc.)
  - Incorporate Job closing updates, improvements, CARs for repeat projects

#### 3. Project Coordination and Continuous Improvement

- Makes recommendations and directs changes to achieve improvement.
- Provides analysis of machining and assembly cycle times to determine cost effectiveness of the project, looks for cost reductions.
- Work with cross function team to determine reasons for escapes and resolution:

- May communicate with the customer regarding the resolution of the problem.
- Provides engineering support to the production personnel.
- Assists in the development of tooling design and redesign to reduce manufacturing costs to improve quality.
- Evaluates tools and equipment to determine if they can be used in the manufacturing process and recommends the purchase of appropriate tools and equipment, i.e., tooling, calibration equipment, machining and assembly peripherals.
- Communicates effectively on the status of projects to the Operations Manager.
- Assists Project Managers by providing information on the technical aspects of projects to assure appropriate proposals on projects and status to customers.
- Prepares appropriate, detailed documentation related to the project.
- Documents and implements engineering changes initiated by the customer or internally.
- Develops and maintains a rapport with customers and employees to ensure that projects are completed smoothly and effectively.

4. Performs other duties and responsibilities as assigned.

## **Position Requirements**

### Essential Qualifications

- A bachelor's degree in manufacturing/mechanical engineering or a related field with a minimum of two (2) years of relevant experience, or a two (2) year post high school diploma/certificate and a minimum of three (3) years relevant experience
- Experience with CAD/CAM systems utilizing solid modeling
- Proficient PC Skills in a Windows environment
- Ability to travel, including air, occasionally overnight

The most qualified candidate will also possess the following

- Familiar with special processes, i.e., plating, welding, heat treat, etc.
- Knowledge and/or experience in designing fixturing and tooling for machined parts
- Previous experience in the machining industry, including process troubleshooting
- Experience optimizing processes to achieve ongoing cost reductions
- Familiar with ISO quality systems and World Class Manufacturing principles
- Demonstrate effective interpersonal and communication skills
- Ability to perform engineering calculations related to machining
- Experience with ERP systems

## **ADA Requirements**

### **Office II**

- Typically sits, grasps items and performs keyboarding for frequent operation of a computer
- Stand, walk, bend, reach or otherwise move about occasionally
- Lift, move or otherwise transfer items up to 30 lbs. occasionally
- Occasional exposure to typical machine shop physical hazards
- Travel by air or car occasionally

Please email your resume and application to [jobs@domailleengineering.com](mailto:jobs@domailleengineering.com) or mail to:

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 Attention: Alison Hicks