



## Job Description

**Job Title: Manufacturing Engineer**

**FLSA: Exempt/Salaried**

**Department: Operations**

**Date: 3-14-2022**

### **Position Overview :**

Responsible for supporting all activities associated with production and development manufacturing. This includes scheduling, inventory control, fabrication, quality, packaging, shipping and receiving, continuous improvement and ensuring compliance with all environmental, health and safety requirements. Self-directed.

### **Educational and Experience Requirements:**

- Bachelor's degree in engineering.
- Minimum 10 years leadership experience in manufacturing

### **Essential Job Functions (duties and responsibilities):**

- Develop and maintain detailed planning (Job Orders/Kits/Work Instructions/Bill of Materials) for the manufacture of development and production components and assemblies.
- Develops the tooling for assembly and inspection (i.e., fixtures, templates, ) and equipment required to support manufacturing operations.
- Assists with the execution of production schedules based on program development cycles, efficiency, materials supply, and personnel resources; coordinates with management to maximize production objectives, maintain quality and attain output requirements that are consistent with cost and delivery conditions.
- Establishes and modifies operational methods and processes by recommending and implementing changes in materials, equipment, and procedures
- Implement departmental procedures and standards in accordance with the Quality Management System
- Support capital equipment justifications and subsequent implementations based on current and planned production requirements
- Monitor and communicate progress on key performance metrics

- Support facility and equipment maintenance through the coordination of internal resources and subcontractors as needed
- Participate in Material Review Board dispositions while driving non-conformance root cause investigations and analyses, corrective actions, and preventive actions for production items.
- Support design reviews to ensure the product design lends itself to practical and economical manufacturing techniques.
- Assists procurement with developing new or existing sources

### **Job Requirements:**

- Extensive exposure in aerospace and defense manufacturing and associated quality systems (AS9100)
- Excellent analytical and strategic skill, good business judgment and problem solving abilities
  - Results oriented, driven to meet and exceed established targets
  - Hands on approach yet comfortable working at a strategic level
  - Proven track record of continuous improvement using operational excellence/lean manufacturing tools
  - Effective oral and written communication and computer skills

### **Physical Requirements:**

This position involves working both in an office and around equipment and machinery and utilizes a standard computer to access, input and retrieve data.

While performing the responsibilities of the job, the employee is required to talk and hear. The employee is required to sit for extended periods of time and use their hands and fingers, and computer keyboard. The employee is occasionally required to stand, walk, reach with arms and hands and lift 35 lbs. Vision abilities required by this job include close vision. Employee may be required to wear eye and ear protection.

Minimum travel is required for the position.