



**Job Title:** Manufacturing Engineer

**Department:** Engineering

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**Summary:** Provides subject matter expertise and support to production, with a primary focus in sustaining engineering, new product/process introduction and continuous improvement initiatives.

**Essential Duties and/or Responsibilities:**

This list of duties and responsibilities is not all inclusive and may be expanded to include other duties and responsibilities that may deem necessary from time to time.

- Performs research, design and development of manufacturing processes including production flow, work instructions, inspection methods and frequency requirements, production equipment requirements, and assembly methods.
- Evaluates and implements non-conforming product dispositions for Material Review Board and Corrective/Preventative Actions.
- Coordinates the manufacturing launch of new/revised products including establishing goals, training team members, and evaluating results including the development and execution of validation plans/protocols and performance analysis for manufacturing processes.
- Designs, develops, tests and/or sources while ensuring valid cost-justification of various tools, machinery and equipment for recommended manufacturing methods.
- Represents manufacturing on cross-functional teams.
- Prepares and maintains detailed layouts of equipment.
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- Performs other related duties as assigned.

### **Qualifications:**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Must be able to take the initiative required to ensure any process has been fully interrogated and robustly established towards ensuring conforming output of product and processes.
- Must be able to develop manufacturing processes and optimize processes and methods for cost-reduction, quality improvement and efficiency.
- Must be able to develop, implement, and execute validation plans/protocols for manufacturing processes (PPAP) with a thorough understanding of advanced quality and process planning (APQP) and good manufacturing practices.
- Must be able to evaluate and provide documented corrections to ensure product conformity within a system of robust engineering and manufacturing practices, production control, standard operating procedure, safety, quality control and training.
- Ability to use problem solving, project management and technical skills in a dynamic and diverse production environment.
- Knowledge of manufacturing processes and methods including authoring of process flow diagrams, PFEMA's, control plans, and inspection documentation.
- Good interpersonal and communication skills.

### **Education/Experience:**

A Bachelor's Degree in Mechanical Engineering or related field is preferred; or at least three or more years of similar experience in a Manufacturing Engineering role delivering results within a precision machining environment.

Swiss turning process experience is highly desired.

Medical and/or Aerospace experience is highly desired.