

Full-Time Exempt Position  
U.S. Citizenship Required for this Position  
Req # 195-A

## **Manufacturing Engineer**

### **BRIEF DESCRIPTION OF JOB DUTIES:**

- Develop, implement, and maintain:
  - Manufacturing methods
  - Assembly and test plans, procedures, and instructions
  - Process specifications
  - Test equipment
- Conduct analyses to identify resolution of design and manufacturing problems and generate engineer change requests to correct deficiencies
- Ensure manufacturing and test equipment is sufficient to meet demands and equipment is maintained and operational
- Determine, specify, review, and/or revise, economic methods, operation sequences, and tooling for the fabrication of parts, sub-assemblies, and final products
- Generate master routers for production and maintain in the ERP computer system
- Participate in design reviews (software and hardware), provide technical guidance to engineering for manufacturability of design and test methodologies, review and approve design documentation
- Assist in nonconforming material reviews, determine causes of rejected parts and their disposition
- Participate in cost studies and equipment recommendations
- Assist supervisors and lead personnel on new manufacturing techniques
- Provide work leadership and training to technicians and assemblers
- Perform root cause analysis and implement effective corrective actions

### **JOB REQUIREMENTS**

#### **The applicant MUST have the following qualifications:**

- Bachelor's degree in mechanical engineering or other engineering discipline.
- Five years of manufacturing engineering experience in an electronics manufacturing environment.
- Knowledge of IPC-A-610 and J-STD-001 workmanship standards.
- Fixture and tool design experience.
- Familiar with safety policies and procedures.
- Proficient with Word, Excel, PowerPoint, and ERP software.
- Fluent in English, excellent communication skills
- Ability to organize, prioritize and perform multiple tasks to complete job functions in an orderly, efficient manner.
- Strong communication skills, verbal and written
- Must be a skilled listener in receiving data and understanding and following instructions
- Must be self-motivated and able to work with minimal supervision
- Must effectively interact with management and peers
- Must be creative in defining and solving problems
- Ability to lift up to 35 pounds
- Must be a U.S. citizen

#### **The WANTS for this position are:**

- Knowledge of Infor Visual ERP system
- Knowledge of Empower (Omnify) engineering design database software
- Knowledge of MIL-STD-129 and MIL-STD-130 standards
- Knowledge of AS9100D aerospace standard
- CPR and first aid certified

Salary Range: \$65,000/yr - \$105,000/yr DOE

EOE/Disability/Veteran