

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

## **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 - \$99,000/yr DOE

### E-Verify

As a Federal Contractor, FEI-Zyfer is required to participate in the E-Verify Program to confirm eligibility to work in the United States. For information regarding your legal rights and protections, please click on the following links:

- E-Verify - [https://e-verify.uscis.gov/web/media/resourcesContents/E-Verify\\_Participation\\_Poster.pdf](https://e-verify.uscis.gov/web/media/resourcesContents/E-Verify_Participation_Poster.pdf)
- Right to Work - [https://www.e-verify.gov/sites/default/files/everify/posters/IER\\_RighttoWorkPoster.pdf](https://www.e-verify.gov/sites/default/files/everify/posters/IER_RighttoWorkPoster.pdf)

### AAP/EEO/Reasonable Accommodation

As a federal government contractor, in accordance with applicable laws, regulations, Executive Orders, FEI-Zyfer, Inc. is required to develop annual Affirmative Action Plans (AAPs) and is committed to employ and advance in employment qualified minorities, women, individuals with disabilities, and protected veterans (including but not limited to, disabled veterans, recently separated veterans, Armed Forces service medal veterans, and any other protected veterans). Any employees or applicants who wish to review the AAP for individuals with Disabilities and Protected Veterans can contact us by sending an email to [HR@fei-zyfer.com](mailto:HR@fei-zyfer.com) or by calling Human Resources at (714) 933-4000.