



Manufacturing Engineer

Essential Functions

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

1. Initiate DFM (design for manufacture) and DFA (design for assembly) directives within development group.
2. Provide manufacturing expertise in product development.
3. Draft and design layout of equipment, materials, and workspace to illustrate maximum efficiency using computer based drafting tools and 3D modeling techniques.
4. Apply statistical methods and perform mathematical calculations to determine ideal manufacturing processes, staff requirements and production standards.
5. Conduct study and analyses of sequence of operations, material flow and production reports and recommend optimizations.
6. Prepare Operational Plans and work flow based upon review of technical documents.
7. Generate graphical representations of industrial production systems

Required Education and Experience

1. BS degree in Mechanical Engineering or Industrial Engineering.
2. Minimum five (5) years of experience in machine tooling and fixture design in an electronics manufacturing environment with proven reliability.
3. Experience in 3D modeling and design for electro-mechanical products.
4. Established knowledge of available tooling and equipment to optimize production
5. Experience in safe work environments and maintaining compliance with state and federal regulations.

Preferred Education and Experience

1. Experience working in a Research and Development environment for electrical components (i.e. printers).
2. Knowledge of Solidworks.