

Principal Process Development Engineer (Requisition 5100-06)

POSITION SUMMARY: Develops, improves and maintains manufacturing processes used to assemble retinal prosthesis active implantable medical product to achieve quality, yield and output goals. Mentors more junior process development engineers. Expected to make improvements in the most challenging and technically complex processes.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Selects appropriate technology to assemble a given product design.
- Selects/specifies off-the-shelf or custom process and measurement equipment.
- Designs, documents and qualifies tools and fixtures.
- Designs and documents manufacturing procedures.
- Identifies, evaluates and qualifies suppliers providing assembly services.
- Trains production technicians.
- Establishes and trains on Preventive Maintenance and Calibration procedures.
- Designs and executes process validation Operational and Performance Qualifications (OQ, PQ).
- Participates in R&D projects to produce more manufacturable designs

EDUCATION/CERTIFICATION: Bachelor of Science Degree in Mechanical Engineering or related field.

EXPERIENCE REQUIRED: Minimum of ten years related experience and/or training; or equivalent combination of education and experience.

SKILLS / ABILITIES:

- Experience in a medical device manufacturing environment required.
- Experience in low volume medical device manufacturing desirable.
- Proficiency with Solidworks desirable.

COMPETENCIES:

- Design—the individual translates concepts and information into images; applies design principles; and demonstrates attention to detail.
- Problem Solving—the individual synthesizes complex or diverse information; identifies and resolves problems in a timely manner; and gathers and analyzes information skillfully.
- Oral Communication—the individual speaks clearly and persuasively in positive or negative situations; demonstrates group presentation skills; and participates in meetings.
- Teamwork—the individual balances team and individual responsibilities; exhibits objectivity and openness to others' views; contributes to building a positive team spirit; and is able to build morale and group commitments to goals and objectives.
- Planning/Organizing—the individual prioritizes and plans work activities; and uses time efficiently.
- Quality – the individual demonstrates accuracy and thoroughness; looks for ways to improve and promote quality. Applies feedback to improve performance and monitors ones' own work to ensure quality.