



Sr. Mechanical Engineer

Job Description:

- Participates in the mechanical design and development activities associated with the Company's electro-optical reader system and related disposables
- Responsible for managing the development of plastic injection molded and machined parts, tooling, and first article approvals.
- Performs failure analysis and develops corrective action plans
- Participates in vendor selection and qualification.
- Interfaces with project management, suppliers, electrical, software, manufacturing, tooling, and other engineering groups to ensure the successful development and launch of new products.
- Develops drawings, specifications, and inspection criteria
- Develops and produces work instructions and manufacturing processes
- Prepares findings and analysis in support of medical device regulatory submissions and investigations.

Knowledge, Skills & Requirements:

- Minimum of 5-7 years' experience in mechanical and overall product design in a medical device environment
- Experience with optics design and fundamentals
- Experience in designing complex plastic injection and machined parts
- Experience with design for manufacturability
- Experience with product development practices and requirements in a regulated medical device manufacturing environment
- Detail-oriented with attention to product quality.
- Excellent problem solving and analysis skills.
- Must be able to write and analyze requirements, functional specifications, design specifications, test plans, and documentation.
- Ability to excel in a fast paced and dynamic work environment.
- Ability to coordinate multiple tasks toward completion targets under minimal supervision.
- Good communication skills, both verbal and written, and the ability to interface effectively with management and cross-functional teams.
- B.S. in mechanical engineering or related discipline
- Preference given for experience in sterilization or biological indicator products

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Department: R & D
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