

Director of Research and Development

Dental industry manufacturer seeks a Director of Research and Development to be responsible for the complete design, development, up to commercialization of new Class I medical products, and extension of current product lines. Requires coordination of both internal and external resources, to achieve goals in a timely manner, cost effectively and in alignment with market needs, cost constraints and regulatory requirements. Must have experience in electro-mechanical design development and molding technologies (injection molding, LIM, insert molding, over-molding etc.). Must have experience in development and commercialization of medical devices. Experience with polymers technology a plus.

Responsibilities:

- Design new products and support current product line
- Develop products in compliance with Design Control requirements
- Design and support manufacturing for molded products
- Perform other functions to support company interests as directed by management
- Prepare design history file and technical file
- Prepare protocols and reports for testing
- Identify and coordinate with vendors

Preferred Traits and Abilities:

- Ability to consistently achieve results to high personal and professional standards
- Ability to communicate clearly with co-workers, vendors, and customers
- Ability to lead by example, utilizing outstanding people skills to motivate and support
- Strong attention to detail, and consistent diligence in maintaining accurate records
- Strong time management and organizational skills
- Exceptional work ethic, solid self-image, and high level of self motivation
- Ability to use independent judgment and common sense in performing duties
- Ability to multi-task and manage priorities in support of goals and objectives
- Flexibility in a dynamically growing/evolving company
- Ability to be 'hands-on' and strategic at the same time

Qualifications:

- Minimum of eight years in similar role at medical device company for Class I, II or III device
- Experience with dental or medical devices a plus
- Experience in developing product within a Design Control system and in creating all supporting documentation
- Excellent verbal, written and presentation skills
- Electromechanical design experience
- Molding processes (injection molding, liquid injection molding, insert molding, over molding, extrusion technology), polymers and materials experience
- Expertise with silicone and other polymers
- Familiar with Injection Molding, Liquid Injection Molding, Insert Molding, Over Molding and plastic extrusion technologies

- Demonstrated competence and familiarity with CAD programs. Expert in SolidWorks a plus
- College degree in Engineering or Science. Graduate degree a plus.

Isolite is an equal opportunity employer and considers qualified applicants for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, gender identity and expression, age, disability, or Vietnam era, or other eligible veteran status, or any other protected factor.