



Job Title: Senior Mechanical/Biomedical Engineer (Full-Time)

Location: Boulder, CO

Who we are:

Boulder iQ: Bringing Products to Market from Product Concept through Manufacturing.

Boulder iQ is an expert contract consulting firm providing all the services a life science company needs to get its product to market. With years of experience in regulatory, quality, product development, manufacturing and contract EO sterilization, our single-source solution speeds the product development and regulatory submissions process. Our experts help companies navigate through the process of getting medical device, diagnostic and combination products to the market quickly.

The engineering division of Boulder iQ helps companies from the napkin sketch to prototyping to designing for manufacturing to verification and validation testing.

What You'll Do:

Be a leader and team member of a small dynamic engineering team focused on bringing innovative solutions to the market

- Provide leadership, support, and guidance on developing medical device products
- Manage a small engineering team through multi-year design projects on time and on budget
- Bring the technical expertise to the team for designing and manufacturing plastic, metal and electromechanical products utilizing standard engineering tools and engineering principals
- Interact and manage clients on a regular basis to provide updates, technical knowledge and guidance
- Prepare and review product development documentation and ensure compliance with internal and external, quality and regulatory requirements
- Utilize design skills in a hands-on manner for prototyping and testing
- Lead and/or participate in dFMEA/pFMEA activities
- Communicate with management regarding engineering activity
- Support facilities maintenance

What You'll Need:

- BS or higher in Mechanical Engineering or related field (Required)
- 7+ years of experience performing engineering/design activities, preferably on new product, electromechanical products (Required)
- 3+ years medical industry design and verification and validation experience
- Experience with design/planning/creation of prototyping from simple proof of principle of prototypes through fully functional prototypes
- Experience with product development from concept through commercialization to mass production (quantities over 2,000 units per year) release
- Demonstrated understanding of various types of mechanisms, materials, proper tolerance, drafting standards, design for mold ability and GD&T
- Experience with injection molded plastics, castings (metal and/or plastic) and sheet metal

- Minimum 5 years of Solidworks CAD experience including parts creation, assemblies, and drawings
- Experience in leading teams and managing projects including planning, scheduling budgeting
- Ability to communicate and present technical design details and information
- Excited to be a leader of a growing engineering team

Working Conditions:

- Required to be on-site
- Work is performed in an office, clean room, R&D lab, and production floor
- Minimal travel necessary for this role

Benefits:

Boulder iQ is located in the city of Boulder, CO, an area known for smart and ambitious people who also value work-life balance. We are located close to many outdoor activities including hiking, biking, skiing, climbing and camping. Our team is focused on providing the best services we can to our clients in the best location. Additional benefits Boulder iQ provides:

- Health, Dental and Vision insurance
- Paid Time Off
- Company Holidays

Boulder iQ is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, sexual orientation, gender identity, age, status as a protected veteran, among other things, or status as a qualified individual with disability