



## IC Biomedical Job Description

### Design Engineer II

IC Biomedical, LLC manufactures cryogenic storage and transport equipment for life sciences, healthcare, and animal husbandry markets.

#### Job Summary

The Design Engineer II designs, develops, and enhances new and existing products/ products lines. Evaluates and recommends specifications and ensures products meet the technical and functional requirements. Being a Product Design Engineer II recommends and follow reliable, efficient, and cost-effective procedures.

#### Essential Duties & Responsibilities to Include:

- Performs feasibility, functional, and quality testing of designing of designs.
- Assist in design, development, implementation and analysis of technical products and systems.
- Performs simple and routine engineering design task with standard techniques.
- Assist senior engineers in the preparation of plans, designs, computation methods and reports.
- Developing design requirements for current/new products
- Analyze current engineering methods used within the company and develop steps and processes to improve
- Developing solutions that solve both end user issues as well as manufacturability issues
- Creating designs using computer-aided design tools and then supporting manufacturing to build prototypes
- Developing and conducting rigorous usability test's and modifying the product based on the test results
- Evaluating design solutions against industry standards and regulations
- Documenting the design process and presenting progress reports to all relevant stakeholders
- Define clear goals for all aspects of a project and develop steps for their proper execution
- Work closely with manufacturing management to solve issues that arise
- Working with purchasing and suppliers as needed to acquire parts for prototypes
- Occasionally directed in several aspects of the work, gaining exposure of some of the complex tasks within the job function.

#### Qualifications:

- Detail oriented, able to multitask and meet deadlines
- Experience developing product design and general manufacturing techniques
- Project development and leadership skills are essential
- Understanding of general business analysis techniques and processes

- Experience with business software's (ERP, CAD, ETC.)
- Ability to work with various departments to facilitate the orderly execution of a proposed project plan
- Hands on experience producing prototypes and product modifications
- Proficient computer skills, AutoCAD experience
- Other duties as assigned

#### **Education and Experience**

- Bachelor's degree in design engineering, product design, industrial engineering, or related field.
- 2 – 4 years previous experience in similar role
- Experience working with sheet metal (cutting, rolling, welding) a plus.

#### **Safety**

- Follow all PPE and safety rules
- Promote a safe and healthy work environment
- Ensure compliance with all regulatory and company policies and procedures

#### **Location:**

Cartersville, GA on site 5 days a week.

IC Biomedical is an equal employment employer

Salary Range: