



## Job Description

<b>Job Title:</b>	Project Engineer
<b>Reports To:</b>	Engineering Manager/Senior Engineering Manager
<b>Location:</b>	Richmond, BC
<b>Date:</b>	2010-03-09

### Purpose/Role

*(A brief description of the primary responsibilities for which the employee is accountable)*

The Project Engineer works collectively with the Product Design Team and Operations to design, develop, test, and manufacture medical devices from initial product realization, to production, to post production activities.

### Position Description

*(A listing of the deliverables to be accomplished, including specific duties/activities that make up the job)*

- Develop and Design medical devices.
- Devise test protocols to verify and validate design and design changes.
- Manage various projects from inception to completion.
- Optimize manufacturability of product through design for manufacturability, design layout, design of jigs and fixtures, and manufacturing procedures.
- Supervise co-op students.
- Train technicians on manufacturing and testing product.
- Provide technical support to production by troubleshooting various non-conformances through the non-conformance reporting process.
- Reduce cost of goods through cost analysis, supplier sourcing, increasing manufacturing efficiency, and initiating innovative design changes.
- Provide consulting services for contract manufacturing customers.
- Assisting Quality Assurance and Quality Control as needed.
- Manage production on a as need basis.

### Qualifications

*(Represents the desired qualifications but may not reflect the employee's existing qualifications)*

#### Education:

- Minimum 4 years of post-secondary education in the field of Applied Science in a related discipline or equivalent combination of education and experience.

#### Experience:

- 3 -5 years experience in a medical device and manufacturing environment.

#### Skills:

- Strong analytical and problem-solving skills.
- Strong computer skills. Knowledge of CAD software programs such as AutoCAD and Solidworks is an asset.
- Ability to prioritize and multi-task.
- Strong communication and organizational skills.
- Hands on experience with machines and tools. Experience with the Mill and Lathe is an asset.
- General mechanical aptitude.
- Ability to provide leadership and work well in a team environment.