

## **Director of Manufacturing Engineering**

### **Job Description**

Intelon Optics is a rapidly-expanding world class technology and innovation company.

In this position, based at our Center for Manufacturing Excellence in Rochester, NY, you will be responsible for design optimization, including cost-reduction efforts and transfer to manufacturing of the complex opto-mechanical, ophthalmic device based on Brillouin spectroscopy. You will perform simulation, optimization, and detailed analysis of components to bring the prototype design into manufacturing, ensuring that the design meets requirements for manufacturability, serviceability and overall quality. Working closely with a team of multidisciplinary engineers, manufacturing partners, as well as vendors, you will use your strong optical engineering skills to solve technical problems, identify design improvements and cost reduction opportunities, address additional sources of components, manage obsolescence, and other related tasks. Your hands-on skills will be an asset in both creating design specifications, drawings, assembly procedures, and testing system performance. This position will require building strong working relationships across the organization, developing partnerships to solve technical problems related to manufacturing cycle time, cost, quality, and product yield.

In this fast-paced startup environment you will need excellent interpersonal skills, communication/documentation, and ability to collaboratively and responsively, focusing on key priorities based on new information and product lifecycle management. You should have high energy and excitement to contribute to cutting-edge technology that improves medical care.

### **Responsibilities**

- Work with internal teams to gather requirements and develop strategies with suppliers to implement and manufacture optical systems
- Establish and standardize manufacturing process in compliance with ISO 9001 and 13485 GMPs for medical devices.
- Research and identify new manufacturing methods to be used to improve the overall cost, quality, safety and delivery of our products;
- Assist with the development, planning and execution of the manufacturing strategy;
- Work with Massachusetts-based product engineering team and optical design experts in Rochester, NY to transfer new products into manufacturing as well as provide product sustaining support to existing products to achieve continuous improvement in cost, quality, delivery and safety;
- Participate in concurrent engineering design reviews
- Evaluate and approve drawings, routings/MI's, specs and other documents
- Design and procure tools/equipment
- Ability to travel approximately 50%, domestic

### **Minimum Qualifications**

- MS in Engineering or BS with comparable experience;
- 10 years' experience leading highly skilled manufacturing engineering teams;

- Expertise in medical (or other regulated industry) device manufacturing processes and controls;
- Ability to analyze products to determine critical components and related manufacturing processes to drive quality and cost;
- Medical industry experience related to contract manufacturing;
- Working knowledge of Lean and/or Six Sigma tools.

### **Preferred Additional Qualifications**

- Ability to manage a wide variety of engineering disciplines (optics, mechanics, electrical, software) in a dynamic environment;
- Demonstrated ability to establish organizational vision and direction coupled with execution on implementation with minimal oversight;
- Ability to weigh technical options and establish a business rationale for following a certain manufacturing approach;
- Ability to prioritize work based on the criticality of the business and resource availability.

### **Benefits**

Competitive salary and benefits with company incentive plan.

As part of our dedication to the diversity of our staff, Intelon Optics, Inc. is committed to Equal Employment Opportunity without regard for race, color, national origin, ethnicity, gender, protected veteran status, disability, sexual orientation, gender identity, or religion.

### **To Apply**

Please email Dimitri Chernyak ([dimitri@intelonoptics.com](mailto:dimitri@intelonoptics.com)) with your resume and a cover letter attached.