



*Silverside Detectors is developing next-generation nuclear radiation detectors that help governments reduce the threat of nuclear terrorism. We're a team of 9, based in Cambridge, and thrive on solving tough problems on short timelines. We work directly with federal agencies and local first responders to provide the best science in the most practical, user-oriented solutions to increase our collective security. Our work has been featured in Wired Magazine, the Boston Globe, and BostInno.*

**Company Team and Culture:** Silverside's team includes physics, industry, security, and engineering experts with years of industry experience developing and taking products to market. We collaborate generously, learn voraciously, execute with tenacity, build on our mistakes boldly, and go home at the end of the day—we love our work, and we keep room for the rest of life.

**Position: Manufacturing Lead**

Silverside is hiring a full-time Manufacturing Lead.

**Location:** 61 Mooney St. Cambridge, MA 02138

**Job Description:** Reporting to the CTO, you will be responsible for all aspects of manufacturing, including quality management, production planning, and supply chain. As Silverside deploys additional product, field support and servicing support may also come under this role. Silverside is a start-up, and the only guarantee is that there will be surprises and opportunities that emerge over and above the below-listed responsibilities. This is a growth opportunity for an inquisitive and proactive candidate. Responsibilities may include:

*Manufacturing*

- Manage production worker(s) activities. Provide managerial feedback and support.
- Manage daily production activities to meet production deadlines.
- Develop Calibration and Maintenance procedures and schedule.
- Perform calibration and maintenance and/or train manufacturing worker.
- Develop new manufacturing processes: Develop process requirements, design solutions, build/source equipment/jigs/fixtures, validate processes, document processes, train manufacturing worker.
- Build prototypes, in support of engineering team.
- Interface with design engineers at all stages of product design.

*Production Planning*

- Plan and implement production schedule in detail, taking into account available resources, process capabilities, production capacity, and delivery dates.
- Plan and implement purchasing schedule in detail, taking into account production schedule, supplier relationships, supplier manufacturing capabilities, cost, budget, and lead times.



- Maintain Bills of Materials and other design documentation.
- Organize and reorganize production floor based on changing production demands.

#### *Quality Management*

- Maintain build/production documentation and data.
- Provide recommendations to senior management regarding QMS improvements in support of company strategic objectives.
- Analyze and diagnose defective production units. Direct rework.
- Perform/Supervise quality inspections and QC tests. Maintain and report on QC data.
- Determine Inspection and QC criteria for incoming parts and production units.
- Manage Silversides Quality Management System (QMS): Perform regular reviews, update the Quality Manual, train and support the company's QMS use
- Modify test equipment and develop new test procedures.

#### *Supply Chain*

- Develop and maintain relationships with contract manufacturers and suppliers.
- Provide supply chain and manufacturing recommendations and support to the rest of the technical team.
- Find and evaluate new contract manufacturers and suppliers.
- Manage incoming and receiving processes.
- Monitor and manage inventory of parts and manufacturing supplies.
- Negotiate with suppliers regarding cost, lead-time, quality issues, and payment terms.

#### **Requirements:**

- Bachelor's degree in engineering or equivalent work experience
- Min. 5 years work experience in a manufacturing environment, including a supervisory role
- Ability to handle many competing priorities; eagerness to learn; willingness to take on new, varied tasks; learn quickly; work independently and ask questions
- Must be authorized to work in the U.S. on a full-time basis. H1-B sponsorship is not available.

**Salary and Benefits:** Salary is commensurate with ability and level of experience. Full benefits, including health and dental insurance and employee stock options, are offered for full-time hires. All team members get generous leave/holiday packages.

#### **Contact:**

Submit cover letter/resume to [sarah@sside.co](mailto:sarah@sside.co) by November 27, 2017.

*All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin*