

Semiconductor Process Engineer

Responsible for existing semiconductor laser chip fabrication processes and vendor management to reduce cost, improve sustainability and develop best practices within the production process. Responsible for managing day-to-day production flow in support of customer orders.

PRIMARY RESPONSIBILITIES

- Evaluate and improve processes in manufacturing systems.
- Maintain reliable and safe manufacturing systems while improving production rates, efficiencies, yields, costs and changeovers.
- Develop innovative solutions.
- Improve process capability and production volume while maintaining and improving quality standards.
- Prepare samples for study and analysis when new products or new vendors are first introduced. Present findings to management with recommended next steps.
- Perform shrinkage and implement continuous improvement plans.
- Collect, record, and transcribe data and keep inventory systems current and accurate.
- Develop and implement systems that optimize all phases of production process.
- Provide suggestions during incident investigations and implement corrective actions in conjunction with suppliers and customers.
- Advise on corrective actions and implement changes where applicable.
- Work with equipment designers and manufacturing officers to develop a cost-effective and working production process.
- Ensure projects are completed on time.
- Ensure financial budgets are followed.
- Research and purchase new manufacturing technology.

Requirements:

- Bachelors or master's degree in engineering.
- Minimum 3 years of experience in process engineering or related fields
- Strong PC skills including Microsoft Office and some CAD programs.
- Excellent Communication Skills
- Good Work Ethic/Positive Attitude. Goal oriented.

Work Location:

- Danvers, MA