



Job Description

Manufacturing Engineer (Electronics) (70927)

August 2019

About G2V Optics

G2V's founding mission is to develop and commercialize technology that will enable food production for a growing population while significantly reducing fresh water and land use. We do this by improving yield, quality, and operating costs for commercial growers through automated, integrated, intelligent growing technology. We are obsessed with using new technology to make a difference and continue to develop some of the most dynamic and innovative new products for the fast-growing indoor and vertical horticulture market.

We are an agile team that functions on a startup-style culture based on quick learning, honesty and personal development, flexibility, and balance.

Summary

The ***Manufacturing Engineer (Electronics)*** reports to the Chief Operating Officer and is responsible for the design, execution, manufacturability, reliability, and certification of mechanical and electronics systems utilizing G2V technology, and for working within a team to help bring G2V's products to life.

The successful candidate will be an expert in managing the process of turning functioning electronic device prototypes into optimized manufacturable production products.

Our new team member will have an opportunity to be a ground-level employee of a growing company. Compensation will be based on relevant experience and committed team members will also have the opportunity to participate in a stock option program.

Primary Responsibilities

- Manage the manufacturing of electronic circuits, printed circuit boards, and advanced lighting products with focus on manufacturability, reliability, quality, and cost
- Create, manage, and report on product and project budgets, schedules, and resource allocations
- Manage testing and certification for listed and custom products
- Interface with R&D and engineering team(s) during design, advocating and influencing for optimal quality and manufacturability at all times
- Work in partnership with R&D to develop guidelines, standards, and acceptance criterion for hand-off
- Develop, supervise, and champion automation of fabrication and quality assurance processes
- Properly document design and fabrication parameters according to G2V's quality management standards
- Drive innovation, continuous improvement, and robust process development within your area

Target Skills & Qualifications

The successful candidate should be prepared for an ever-changing set of challenges and willing to quickly adjust priorities and tasks to make forward progress in addition to possessing:

- A Bachelor's degree in Electrical or Computer Engineering from a four (4) year program at an accredited post-secondary institution
- A Professional Engineering designation (E.I.T. or P.Eng.)
- Proven track record of at least five (5) years of experience in electronics design, design-for-manufacture, design-for-reliability, pick-and-place manufacturing, and manufacturing certification(s) in an industrial setting
- Detailed and current knowledge of manufacturing best practices
- Superior project management skills, with a proven track record of on time / on quality / on budget
- Ability to achieve results working within or managing mixed mechanical, hardware, and software teams
- Excellent analytical, organizational, communication (written & verbal), time management, and problem-solving skills and demonstrated attention to detail.
- Fierce devotion to quality, at every stage of the manufacturing process
- An entrepreneur's "what can we do to make this happen?" attitude
- Experience with ingress protection and LED lighting products would be considered an asset
- A project management designation would be considered an asset

Interest and awareness around sustainability and food production is a crucial part of our culture.

To Apply:

Please send a covering letter and current resume as a single document to jobs@g2voptics.com, with a subject line referencing the job title "Manufacturing Engineer (Electronics)".

G2V Optics Inc. thanks all candidates for their interest and regrets that due to application volumes only those individuals selected for interview will be contacted.