

## **Systems Engineer – Intermediate (Temporary – 12 months)**

**Toronto, Canada**

### **Role**

We are seeking an Intermediate Systems Engineer / Senior Systems Technologist for a role within the Sustaining Engineering Group. The selected candidate will work within an integrated Engineering team responsible for supporting the introduction into manufacturing and the ongoing design maintenance of a wide range of complex 3D imaging and surveying (lidar) products. This includes involvement in the full product life cycle of electronic and opto-mechanical systems from concept through to production.

### **Responsibilities**

- Responsible for determining the root cause of system failures and implementation of the necessary corrective and preventative actions.
- Provide technical support to Manufacturing, Procurement, Service and Customer support groups.
- Responsible for the transition of products from development engineering to manufacturing.
- Create and revise test procedures, test reports and specifications to ensure all deliverables conform to customer requirements.
- Responsible for creation and implementation of engineering changes required to address technical issues, reduce product cost and/or improve product quality.
- Ensure that all changes or suggested changes to the product will not jeopardize product performance or reliability.
- Support the ongoing maintenance of “bills of materials” to ensure all parts and materials conform to system requirements.
- Support product design reviews and status reviews to ensure ease of transition into manufacturing.
- Ensure the ability to deliver a reliable and robust product on time, every time.
- Provide product technical support and guidance to production through all aspects of production stages.
- Interface with all cross functional departments and groups to resolve product technical issues in a timely manner.
- Assist in standardizing materials, components and assemblies in a manner to minimize the number of different items required to be procured, manufactured or inventoried.
- Support the Customer Service Group activities as they apply to the system capabilities, design and troubleshooting.

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### **Highly Desirable Attributes**

- Experience with systems engineering process – product requirements, concept of operations, validation and verification and manufacturing.
- Leadership qualities, excel in team situations - interacting with engineers of varied disciplines, coordinate contributions and organize results
- Self-starter – enthusiastic, highly motivated, has demonstrated initiative in achieving goals, performs with minimum of supervision
- Capable in multiple disciplines – has demonstrated a working knowledge of more than one engineering discipline such as optical, mechanical, electronics, software, etc.
- Awareness of various industry standards – RTCA/DO-160, MIL-STD-810, MIL-STD-461, IEC, etc.
- Excellent understanding of manufacturing requirements in an ISO-9001 environment.
- Good understanding of best practices for Quality and Quality related processes.

### **Qualifications**

- Bachelor Degree in Electrical or Systems Engineering or equivalent
- Minimum 3 years of experience with opto-electronic systems
- Ability to analyze and solve problems
- Excellent communication skills both verbal and written
- Excellent interpersonal skills to interact within a highly diverse, multidisciplinary team
- Customer oriented, committed, team player, professional attitude, highly motivated, goal and action oriented, ability to work under pressure
- Ability to multitask effectively.
- Ability to work with minimal supervision.

If you would like to apply, please send your résumé to [resume@teledyneoptech.com](mailto:resume@teledyneoptech.com)