

Reliability Engineer

If you find the highly technical, analytical and meticulous work rewarding, then this job is for you!

You would be joining the Reliability, Quality and Test Engineering Department developing and implementing test protocols to ensure GVA's LED lighting products meet internal and external, quality, reliability and safety requirements.

GVA Lighting creates outstanding lighting systems and signature lighting projects worldwide in cooperation with the best lighting designers and architects in the world. Our engineering, design and manufacturing takes place right here in the Greater Toronto Area and you can be a part of it! Check out some of the amazing [lighting projects](http://gvalighting.com/projects) we completed recently (gvalighting.com/projects).

Your duties:

- Design, Develop, plan and implement methods of Reliability Testing & verification for our products
- Define methods and procedures for new Products Validation and qualification
- Actively participate in NPD (new product development) process and FMEA sessions providing an expert guidance regarding design for reliability approach and recommendations to design engineers;
- Define reliability targets for products in conjunction with R&D and Management teams;
- Support R&D department in proactive early stages testing activities to ensure meeting reliability requirements for the components, sub-assemblies, materials or new technologies used;
- Perform product validation testing on prototypes and final products, including but not limited to: HALT testing, electrical, software, mechanical, chemical, optical and environmental performance validation;
- Lead product qualification testing activity, including ALT (accelerated life test) and RDT (reliability demonstration test);
- Develop ESS or HASS test protocols in support of production products acceptance activity;
- Participate in FA (failure analysis) activity for returned items, recommend improvements for new designs.
- Collect, analyze, interpret and manage reliability data, performing reliability predictions for Company's product and analyzing reliability growth.

What would make you a great candidate

- Bachelor or Masters Degree in Electrical / Electronics Engineering (or similar);
- 10+ years of relevant experience from electronics manufacturing companies developing and performing Product Validation and Qualification; Experience in Reliability is an advantage.
- Hands-on experience in test setups and conduction, samples preparation, DoE, working with the tools;
- Software skills: Altium, C++, Microsoft Office, Solidworks (preferred);
- CRE (by ASQ) certification is an asset;
- Proactive, willing to call-out potential problems and omissions and to seek solutions;
- A strong independent performer with excellent analytical skills, high attention to details;

During the selection process you might undergo psychometric tests, as well as practical exercises to help us identify those who have the right attitude, skills, know-how and to find a cultural fit with our company's values.

Why GVA?

- We offer great learning opportunities enabling professional growth
- We develop high-technology products
- You will receive a competitive salary based on skills and experience
- You will have room to grow your career
- You may take pride in having participated in landmark projects at home and around the world
- When you work with us you can qualify for professional development, employer sponsored health benefits and retirement savings plan

We are an exceptional and talented team who believe in the GVA vision and share GVA values. Our passion and enthusiasm are contagious, and they have helped us attract great talent, partners, and clients. If you want to be part of a young, dynamic and growing organization then you are the candidate we are looking.

Send your resume and LinkedIn profile link to hr@gvalighting.com.

GVA Lighting is proud to be an equal opportunity employer committed to the attraction, selection, advancement and fair treatment of all individuals. In accordance with the Human Rights Code and Accessibility for Ontarians with Disabilities Act a request for accommodation will be accepted as part of the GVA Lighting hiring process.

We thank all the candidates for their interest in GVA lighting, however only selected candidates will be contacted.