



## TEST ENGINEER

### ABOUT US:

Smartrend Supply Ltd., established in 2004, is a leading manufacturer of customer-specific components and assemblies for transportation and general industrial applications. In 2018, First Light Safety Products was created as a subsidiary of Smartrend Supply Ltd. First Light, an innovative and progressive organization, incorporates LED technology into essential safety indicators to improve the visibility of school buses, thus increasing the safety of drivers and passengers of buses and other motor vehicles. Both organizations share a 20,000 sq ft, state of the art manufacturing facility.

### SUMMARY:

The **Test Engineer** is a detailed professional who has strong problem-solving skills and able to work under pressure and time constraints. The successful candidate will be involved in the development of software for testing electronic products and software releases.

### DETAILED DUTIES AND RESPONSIBILITIES:

- Develop, document, and execute test plans to evaluate design options and products using a combination of numerical and physical test methods
- Test products to defined levels of acceptance and coverage
- Develop test processes, test plans, test fixtures and documentation for both board and system level testing
- Develop Automated Regression and Deployment Test suites
- Develop software for release testing
- Develop software for hardware testing
- Collaborate with engineering team to ensure effective overall system design
- Work and interface with engineers of different disciplines
- Carry out other related tasks and projects as assigned

### KNOWLEDGE, SKILLS, AND ABILITIES REQUIRED:

- Education: BS Degree in Electrical or Computer Science or equivalent
- Minimum 3 year of related experience
- Experience in designing transportation, agricultural, and/or construction vehicle electronic devices/systems
- Experience with various programming languages: C, C++, and object-oriented code
- General electronic knowledge of structured design methodology
- Competency in Perl, Python, National Instruments Labview, and/or Shell
- Possess creativity for product development
- Exposure to design and verification testing methods
- Strong problem-solving abilities
- Computer knowledge and skills with Microsoft Word, Excel, PowerPoint
- Ability to prioritize and manage multiple projects simultaneously
- Project management, leadership, and presentation skills an asset
- Work well under pressure and under tight timelines
- High level of organizational skills, detail oriented, and analytical
- Must possess excellent communication skills to collaborate with customers and multiple-disciplinary teams
- An energetic, diligent work ethic and able to work with little supervision

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Share with us your talent, drive, and entrepreneurial spirit and we will provide a creative and supportive environment, where valuable contributions are rewarded and celebrated with professional growth, job satisfaction, and an attractive total compensation program. We offer a benefits package to our employees including:

- Group Insurance Plan
- Paid Vacations

*We would like to thank all applicants who apply, however, only those selected for an interview will be contacted*