

## **Lab Tech Assistant – Gas Fireplaces**

Kingsman Fireplaces

In this dynamic, fast-paced environment, the R&D Lab Tech Assistant reports to Lab Tech Manager and is responsible for providing support for new product validation testing, production assembly verification, prototype builds.

### **Job Purpose:**

Construct, test, evaluate and update current and new company products. Ensure products meet customer needs, safety standards of various jurisdictions.

### **Description of Duties:**

- Conduct efficiency, combustion, explosion, thermal temperature, wind and other mechanical tests and analysis of gas fireplaces, components and materials to determine their performance, strength and other characteristics
- Assist in the design of gas fireplaces and log set moulds for use in manufacturing processes
- Assist in preparing CAD engineering designs, drawings and specifications
- Inspect and test finished fireplaces for proper quality and functionality
- Participate in the installation, repair and maintenance of gas fireplaces
- Build structures out of wood and sheet metal using hand tools

### **Education and Experience:**

- Must have High School Diploma, plus (1-2) years related work experience
- Basic gas theory is considered an asset
- Experience with gas products and combustion testing is considered an asset
- Carpentry skills, including proficiency with hand tools
- Mechanical Aptitude, with an ability to make/modify parts for test models
- Proficient in Microsoft Office (Word, Excel, Outlook), strong internet skills
- Familiarity with standards and testing procedures (CSA, UL, CE) is considered an asset

We thank you for your interest, only those candidates selected for consideration will be contacted.