SMALL & LARGE SCALE FIRE TESTING SERVICES

Who Are We

QAI is an inspection, testing and certification laboratory that has a wide range of fire and flammability testing capabilities to address compliance requirements in North America. With multiple labs and accreditations, we can provide a full suite of compliance services that are recognized by Authorities Having Jurisdiction (AHJ) in Canada and the US.

What We Do

QAI's testing and flammability facilities allow us to test the fire/-flammability resistance of a multitude of products, which includes but is not limited to:

- Cladding
- Curtain Wall
- Doors/Frames
- Furniture/Mattresses
- Hearth/Gas
- Insulation
- Plumbing
- Roofing
- Structural Components/Systems
- Weather Barriers
- Windows/Vents/Skylights

Our capabilities include:

- Calorimetry – Evaluation of materials and assemblies combustion characteristics.
- Containment / Fire Resistance – Testing of products or assemblies for resistance, load carry capacity and integrity when exposed to a standardized fire exposure.
- Flame Spread (FSI) & Smoke Development (SDI) – Testing surface burning characteristics of materials under controlled fire exposure condition
- Flammability – Evaluation of a products/assemblies ease to burn, ignite or combust, including classification as non-combustibility according to the relevant code
- Small, Intermediate or Large Scale – Testing of products/assemblies to evaluate a variety of different responses to fire and heat exposure under different conditions.

Our customers who test and prove compliance to fire standards have the ability to use QAI's Certification Mark. A mark that is respected, recognizable and accepted by AHJs, distributors and retailers. QAI's competence to test to ASTM, CAN/ULC, NFPA and UL standards ensures you achieve your most suitable compliance solution.

About QAI

QAI is a testing, inspection and certification agency of Recreational Vehicles, Building Products, and Factory Built Structures. Founded in 1994 by a group of experienced industry professionals, QAI is an independent 3rd party organization that has established an international reputation for offering cost effective solutions and an unparalleled client experience. For more information about QAI's EMC testing and certification services please contact us via info@qai.org