FIRE RESISTANCE TESTING
FIRE TESTING OF BUILDING MATERIALS AND ASSEMBLIES

Fire resistance testing exposes various building materials/products to a fire, as prescribed by the standard, for a specific hourly duration (time/temperature curve) that is then followed by a hose stream test (if applicable).

QAI's expertise in fire testing can help you with your code compliance when it comes to fire testing.

Our furnaces fully control heat with precision and are capable of performing at neutral, positive or negative pressures as dictated by the appropriate standard.

Typical Products Tested

- Windows
- Entrance Doors
- Roll Up Doors
- Frame Assemblies
- Firestop/Penetrations
- Load Bearing Walls
- Non-Load Bearing
- Building Materials
- Floor Systems

Typical Testing Methods

- ASTM E119
- ASTM E814
- ASTM E108
- ASTM D136
- ASTM D 2843
- CAN/ULC S101
- CAN/ULC S115
- UL-9 / UL-263
- UL-10B / UL-10C
- NFPA 251 / 252

About QAI

Founded in 1994, QAI is an independent 3rd party testing, inspection and certification agency that has established an international reputation for offering cost-effective solutions and unparalleled client experience.

For more information about QAI Testing and Certification services please contact us via info@qai.org.