

Special Hazards Suppression Systems

ROOM INTEGRITY TESTING

For gaseous systems to work effectively, room integrity is critical.

Gaseous Suppression Systems are ideal for high risk, high value areas like server rooms, sensitive electronic infrastructure, and rooms containing irreplaceable objects.

When gaseous suppression systems are used, Room Integrity Testing is key, because the fire suppression agent must be maintained at a specific concentration for a defined period of time in order to meet NFPA requirements.

You can count on us to design, install and test your gaseous suppression system.



WELL-TRAINED

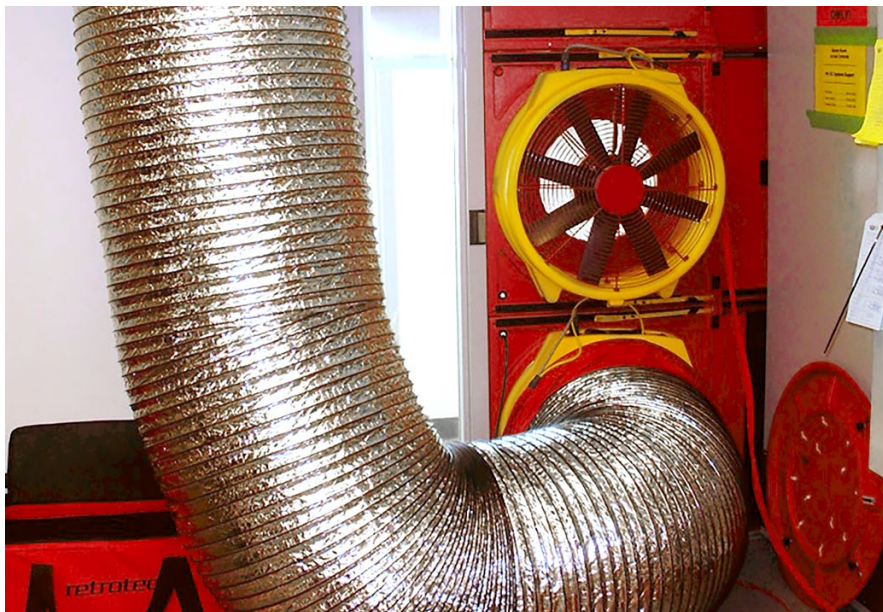
Troy's Service Technicians are certified and factory trained. We currently have over 20,000 buildings under contract.



Life & Fire Safety Ltd.

www.troylfs.com

1-877-441-8769



Photos courtesy of Retrotec, manufacturer of building diagnostic tools

We offer a range of waterless suppression systems, and Gaseous Suppression Systems are a common solution. They are often used in areas containing electronic/IT infrastructure, priceless sensitive objects, and in situations where cleanup of other agents may be a problem.

Room Integrity Testing ensures that an environment will meet a gaseous suppression system's design criteria. It checks for air-tightness and the influence of many factors, including ventilation equipment, room penetrations, and ceiling/floor systems.

All testing is performed by our certified technicians who are factory trained to operate the specialized testing equipment and software. Testing is done at the time of system installation, as well as incorporated into the annual inspection and maintenance procedures. It is a simple and effective component of your building's fire protection technology.

From NFPA 2001:

7.7.2.3* Review of Enclosure Integrity.

All total flooding systems shall have the enclosure examined and tested to locate and then effectively seal any significant air leaks that could result in a failure of the enclosure to hold the specified agent concentration level for the specified holding period. Quantitative results shall be obtained and recorded to indicate that the specified agent concentration for the specified duration of protection is in compliance with Section 5.6, using an approved blower fan unit or other means as approved by the authority having jurisdiction. (For guidance, see Annex C.)

COUNT ON TROY SERVICE

Our Service Technicians are certified and factory-trained. They have the know-how and the tools to ensure all service work and testing is completed accurately and efficiently.

We have 28 sales and service branches, which gives us a national presence, excellent local coverage, and a substantial replacement parts inventory.

Our toll-free number automatically routes your call to the closest Troy branch, and our Emergency Service team is available 24/7 all year long.

PREVENTIVE MAINTENANCE

We offer Preventive Maintenance Agreements that protect your investment and are tailored to your system.

We specialize in:

- **Fire alarm inspection and repairs**
- **Sprinkler systems, Backflow devices and Fire pumps**
- **Central monitoring**
- **Security**
- **Fire extinguishers**
- **Nurse call and communications**
- **Emergency lighting and exit signs**