

# Special Hazards Protection



***Special Hazards pose a risk to your high-value operations. Tyco Integrated Fire & Security helps you take control of that risk.***

Special Hazards are in virtually every facility, in every business sector. From explosive volatiles in manufacturing operations to electrical faults in data communications networks; from computer rooms to fuel-pump islands; from oxygen storage in hospitals to fuel storage at airfields.

***Special Hazards have three things in common:***

- 1) Special Hazards fires expand much more rapidly than conventional fires, in all directions, with huge destructive power.
- 2) Special Hazards systems are designed to fully extinguish the source while blocking the flame front.
- 3) It takes insight and experience to both identify your Special Hazards and to apply the most appropriate solutions. To prevent the complete shutdown of an operation, Special Hazards protection must incorporate ultra-fast detection and nearly instantaneous discharge technologies.

That's where our expertise comes in.

***There isn't a hazard we can't protect against***

Our Special Hazards systems help protect organizations whose sites have chemicals, flammables, processes or equipment

that require specialized fire protection and suppression solutions. We can plan, design, install, service and support sophisticated Special Hazards systems tailored to your needs.

These systems are engineered to detect and fully extinguish fast-developing fires. This takes seamless integration of electrical and mechanical devices and faultless performance in an emergency. Special Hazards can also require multiple kinds of suppression to extinguish the source, prevent re-ignition and cool nearby exposures. We excel in designing and delivering multi-function protection where conventional fire protection simply isn't enough.

***Know Your Risks; Get an Expert Opinion***

We strongly recommend that you invite a fire protection expert to tour your facilities and expose Special Hazards that could bring your operations to a halt. We can provide or recommend someone with the required training and experience to perform this critical service.

The walk-through should result in a written hazard analysis, along with detailed recommendations for mitigating every hazard identified.

***We're focused on solving your problem-free of brand bias***

Most Special Hazards firms have limitations. Some only operate regionally.

## ***Customer Benefits:***

- // We can plan, design, install, service and support sophisticated systems tailored to your needs
- // Seamless integration of devices, and faultless performance in an emergency
- // Multi-function protection where conventional fire protection simply isn't enough

Nearly all deal in only particular types of hazards and certain brands of mitigation equipment or suppression agents. We're able to take a different approach and bring you an expansive array of Special Hazards technologies.

We specify and install equipment and suppression systems from all major manufacturers, including Tyco's industry-leading Ansul,<sup>®</sup> Pyrochem,<sup>®</sup> Simplex,<sup>®</sup> Aquamist,<sup>®</sup> Star,<sup>®</sup> Gem,<sup>®</sup> and Central<sup>®</sup> systems and apparatus.

The strategies we use to mitigate risk at your facilities will incorporate the most effective solutions available, free of bias or reliance on a type or brand of equipment.

### **Helping you meet your insurer's requirements**

Tyco Integrated Fire & Security is widely respected in the fire and life-safety protection industry. Our expertise, effectiveness of our solutions, and steady expansion of our Special Hazards project base have given us credibility with insurance underwriters. That can help you avoid delay and unnecessary expense.

### **A breadth of Special Hazards solutions**

- High speed detection
- Water-based suppression
- Dry chemical-based suppression
- Gas-based suppression
- Conventional fire detection and sprinklers
- Hydrants, backflow devices, fire pumps
- Extinguishers and hose stations
- Integrated security, CCTV, access control
- Voice evacuation

As a Tyco company, we embrace the organization's Zero Harm to People and the Environment philosophy when developing our solutions.

### **National program support and continuity**

We can help multi-site customers to implement enterprise-wide standards for Special Hazards protection, along with uniform design submittals and reporting, installation practices and services. As a large, national organization ourselves, we place a high value on consistency that meets your expectations.

We offer you the convenience and savings of a single-source interface across all of your fire and life-safety protection requirements.

We take a consultative approach to delivering tailored, single-source solutions for all types of facilities, offering a comprehensive array of fire alarm, sprinkler and suppression, integrated security, sound and communications, and nurse call systems and services.

Our Special Hazards solutions and services are part of our industry-leading portfolio. Whether it's new construction, a retrofit, or upgrade of existing systems, we can provide a complete, best-in-class solution at the lowest possible lifecycle cost — available to you with just one call.

### **We bring you a total service solution**

Our extensive service resources — over 1,000 CFAA registered technicians and a fleet of over 4,500 Installation and Service vehicles — can keep your systems performing at their best, ready for an emergency response.

Our service specialists are located in offices in key markets across Canada, ready to help you with testing, inspection, preventive maintenance, and 24/7 emergency service. You can care for all of your life-safety systems without having to manage multiple vendors.



Our Special Hazards training and certification program provides further assurance that your project is in the best possible hands.

### **Tyco Integrated Fire & Security: Your complete fire and life-safety solution provider**

Tyco, a longtime leader in the life-safety industry, serves over a million customers with best-in-class fire alarm, sprinkler, suppression, security, and healthcare communications solutions. As a Tyco business, we advance safety and security by finding smarter ways to save lives, improve businesses and protect where people live and work.

With our total solutions capabilities, Tyco Integrated Fire and Security stands out as a single-source partner that can install and service all of your life-safety systems.

To learn more about our extensive offerings, call us at **1-800-565-5400** or visit: **www.TycoIFS.ca**

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