fire protection
TECHNOLOGIES

| GASEOUS SUPPRESSION | WATER SUPPRESSION | FOAM SUPPRESSION | EXPLOSION PROTECTION | FIRE DETECTION | MILITARY & DEFENCE | SPECIAL APPLICATIONS | SUPPORT SERVICES |

INDUSTRY GUARD

DRY CHEMICAL SYSTEM

Industrial fire

suppression systems

made with optimum

safety, flexibility, ease,

and affordability in mind.

UL 1254 Listed

BADGER

A UTC Fire & Security Company

QUALITY • VALUE • CHOICE

Top quality industrial fire suppression systems for:

• Processes involving flammable liquids
dip tanks
automotive paint spray booths
coating operations
quench tanks

• Flammable liquid storage areas
paint mixing areas
spill containment dikes
bulk storage

• Specialty hazards
modular storage facilities
environmental storage facilities
exhaust ducts
machinery spaces
mechanical rooms

• Enclosed Hazards
boiler rooms
furnace rooms
generator rooms
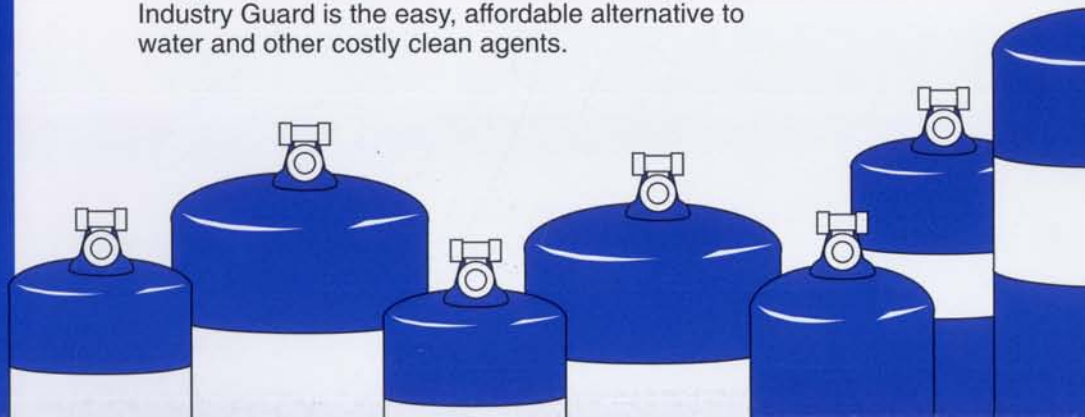*switchgear rooms*
storage rooms

Why Industry Guard?

- Badger's Industry Guard Dry Chemical Fire Suppression System uses dry chemical compounds that, pound for pound, suppress more fire than any other agent.

- Industry Guard's flexible, pre-engineered systems are easy and affordable to install and maintain in virtually any industrial setting.

- Industry Guard is from Badger Fire Protection: we've been designing fire suppression systems for over 37 years.

Coverage is Key...

- Industry Guard systems assure
    - the best dry chemical coverage in the industry
    - quick fire detection and suppression
    - 24-hour, continual fire protection
    - superior dry chemical coverage that quickly suppress fires
    - audible and/or visual notification of system activation

Easy and Affordable to Install & Maintain

- Industry Guard systems are compact, rugged and reliable – offering maximum protection with minimum maintenance.

- Industry Guard's pre-engineered systems, backed by over 20 years of industrial design experience, are more cost effective because:
    - flexible, versatile system components save on hardware costs
    - installation is faster and easier

- You consistently save on hardware and fire suppression agent costs because Badger has the right cylinder sizes and the right dry chemical agent (ABC or BC) for your system

- Industry Guard system recharging is fast and economical; great for keeping maintenance costs low.

- In applications where a dedicated water supply is not available, Industry Guard is the easy, affordable alternative to water and other costly clean agents.
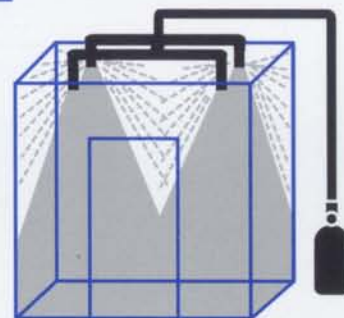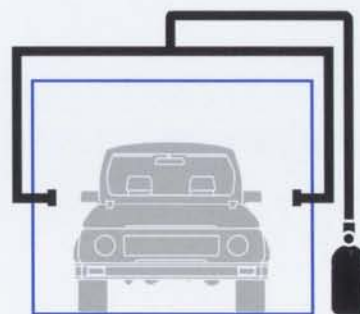
The Right System For You . . .

One of the following UL 1254 Listed systems will be right for your application:

- **total flooding systems** are recommended for protection of totally or partially enclosed spaces or processes. When activated, a total flooding system quickly fills the protected space with either dry chemical (multi–purpose) or BC dry chemical (for flammable liquids and electrical hazards).

- **vehicle paint spray booth total flooding system** meets UL 1254 (September, 1998) provides required coverage of all needed areas utilizing either sidewall or overhead nozzles in the work area and nozzles placed in the plenum and duct.

- **local application systems** suppress fires in isolated, unenclosed hazards by applying the dry chemical directly onto the hazard using either overhead or tankside nozzles.

- **open front spray booth system** is designed to suppress fires in spray booths with unclosable openings. The UL-listed system provides total flood/screening coverage, and can be set up with as few as one cylinder.
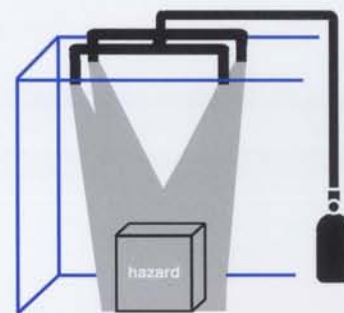
A factory-trained Industry Guard™ authorized distributor can design and install the correct fire suppression system for your specific applications.

total flooding: *dry chemical agent is delivered to "flood" entire space. Fire is out!*

vehicle paint spray booth: *a typical configuration*

Automatic Protection... Around the Clock

local application: *dry chemical agent is delivered to specific hazard area.*

Two types of automatic detection to choose from:

Mechanical detection provides reliable performance and comes in standard or rapid response modes.

Electrical detection provides enhanced sensitivity and is especially suitable for rapidly spreading fires or larger hazards.

Single cylinder systems protect most hazards effectively;

Multiple cylinder systems can be designed and installed in modules to protect exceptionally large hazards in a cost effective manner.

Listed and Approved

Badger's Industry Guard Dry Chemical Fire Suppression System using either ABC and BC dry chemical agents are:

- Listed by Underwriter Laboratories, Inc.
- Designed to comply with NFPA 17, "Dry Chemical Extinguishing Systems" and NFPA 33, "Spray Application Using Flammable and Combustible Materials"
- Tested to the NEW more stringent real world criteria of standard UL 1254, September 29, 1998
- Factory Mutual (FM) Research Corporation approved

Certified Quality

Badger's Industry Guard Dry Chemical Fire Suppression System is made in America in accordance with ISO 9001 certified quality standards.

ISO 9001
ENGINEERING & MANUFACTURING
QUALITY SYSTEM CERTIFIED
TO INTERNATIONAL STANDARD
ISO 9001

Features of the System

- Two types of detection electrical and mechanical (standard & rapid response) in six different temperatures
- All system functions can be actuated manually (locally and/or remotely) and automatically
- Control heads mounted on valve assembly
- Standard Schedule 40 black or galvanage steel pipe and fittings
- Nozzles available with protective blow–off caps
- Total flooding with ABC or BC Dry Chemical (no loss of coverage between two)
- Local application covered with BC agent, high and low overhead, and tankside nozzle
- Open Front Paint Spray Booths, ABC and BC agent, specific application listed coverages that eliminate need to screen with one pound/square foot
- Vehicle Paint Spray Booth (VPSB), ABC, provides coverage for work area, plenums (pits, tunnels, underfloor, solid back and drive thru) and ducts. Time delay available to meet new UL 1254 required 10 to 20 second time delay needed for evacuation and fan run down
  Note: UL 1254 requires that ABC dry chemical be used in VPSB
- Multiple cylinder actuation (up to 100 cylinders) possible from one control head

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All Industry Guard systems are designed, installed and serviced by a national network of manufacturer–trained authorized distributors.

Your local contact is...

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