Your global partner for combustible dust safety solutions:

Your Application ... Our Technology ... Your Safety

Passive Explosion Protection Solutions

**Explosion Venting**

- Certified and tested to different International standards
- Unrestricted and safe evacuation of explosion flame and pressure
- Easy to install and maintain
- Available in a variety of designs and sizes
- Special solutions for buildings and other weak structures
- For outdoor applications or vent duct (limitations)

**FlameFree™ Explosion Venting**

- Certified and tested to different International standards
- For indoor installations and on outdoor process with restricted evacuation options.
- IQR (Round-Intercepts / Quenches-Retains); flame, pressure and dust
- R-IQ (Rectangle-Intercepts / Quenches-Retains) flame, pressure and dust
- High venting efficiency

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**Passive Mechanical Isolation Barriers**

- Ventex® Float Valve
  - Open
  - Closed
- Redex® Flap Valve
  - Open
  - Closed
Active Explosion Protection Solutions
Explosion Suppression and Chemical Isolation Systems

Example: Type IPD Activated Systems

Suppression and Isolation System
Chemical Isolation: Cannon installed to prevent flames from entering process equipment upstream resulting in a deflagration.

Isolation and Venting System
Chemical Isolation: Cannon installed to prevent flames from entering process equipment downstream resulting in a deflagration.

Active Mechanical Isolation Barriers

Redex® Active Isolation Valve

Type IVE™ Acting Pinch Valve
Spark Detection and Extinguishing Solutions

Typical Applications for BS&B Solutions
- Bucket Elevators
- Dryers and Ovens
- Roller Mills
- Grinders
- Buildings
- Cyclones
- Bag Houses
- Dust Collectors
- Cartridge Filters
- Pneumatic Conveying
- Mills: Pin and Ball
- Silos

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