



Industrial Explosion Protection

User Friendly Application Solutions



www.bsbipd.com

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)

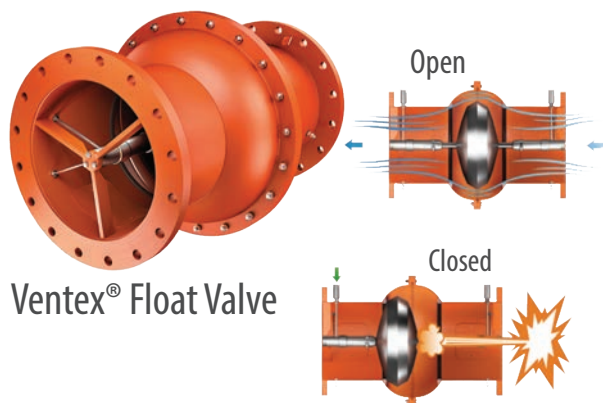
FlameFree™ Explosion Venting



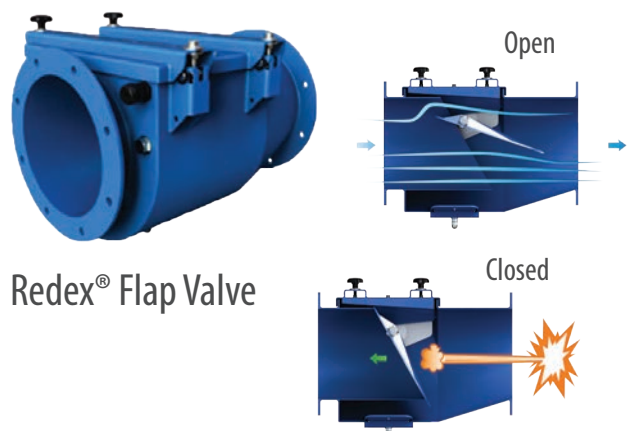
IQR™ Round Flamefree™ Explosion Relief Vents

- 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

Passive Mechanical Isolation Barriers



Ventex® Float Valve



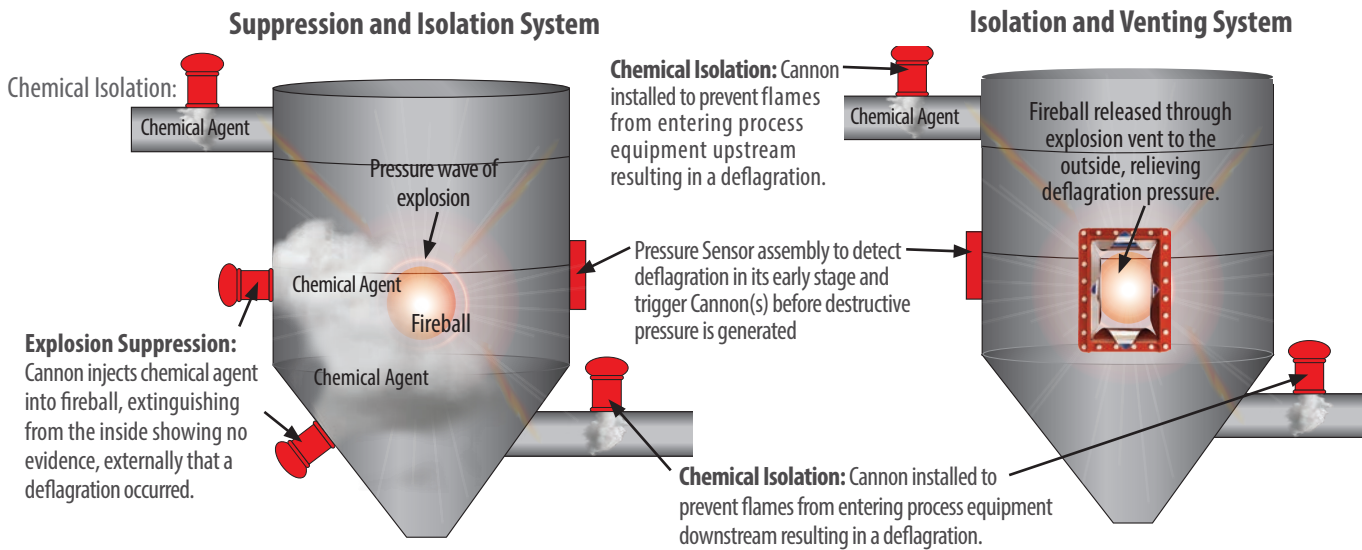
Redex® Flap Valve

Active Explosion Protection Solutions

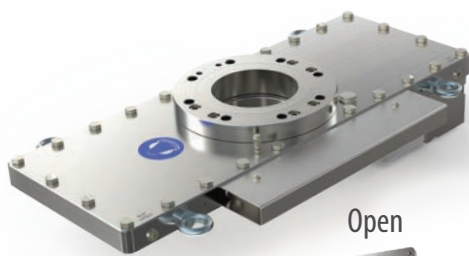
Explosion Suppression and Chemical Isolation Systems



Example: Type IPD Activated Systems



Active Mechanical Isolation Barriers



Open

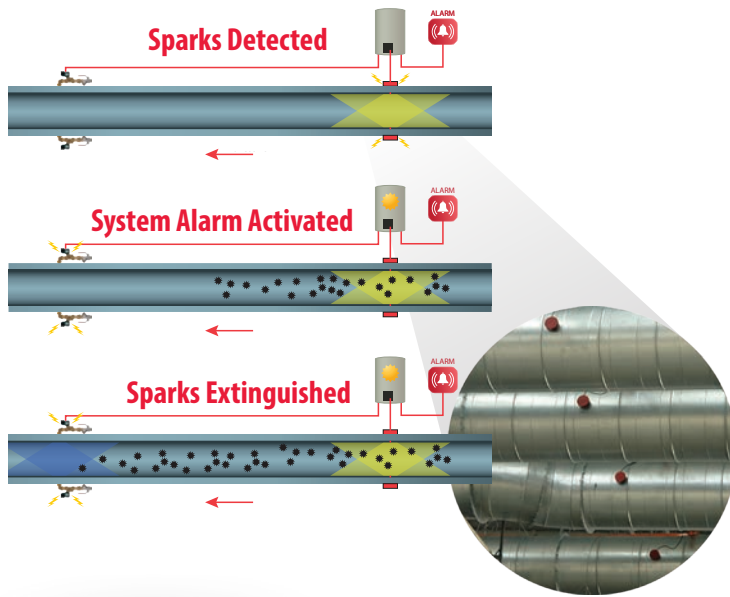
Closed

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

BS&B[®]

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