**Chemical Explosion Isolation**

Chemical Explosion Isolation is achieved through a rapid discharge of a chemical explosion suppressant to prevent the flame from continuing through to other areas of your process system. An explosion detector initiates the release of the extinguishing agent when it detects a deflagration pressure or flame front – preventing the propagation of flame and burning materials.

**Explosion Detection and Control**

Detection and Control Systems are pre-configured to recognize danger signs and make important decisions about when to activate explosion isolation and/or explosion suppression systems, effectively preventing an explosion from damaging your equipment and facility.

**Sprinkler Fire Extinguishment**

Sprinklers are used for extinguishment of the fire inside the dust collector. Generally, water, foam or chemical extinguishment is chosen according to the dust flammability properties.

**Chemical Suppression Systems**

Suppression systems are designed to detect and chemically suppress an explosion in its earliest stages – before an explosion can cause a disaster or become catastrophic.