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A large diagonal graphic divides the page. The upper right portion shows a photograph of several tall industrial silos with complex metal frameworks against a sunset sky. The lower right portion shows a photograph of a worker in a brown jacket and safety glasses working on a conveyor belt with red and white striped material. The text 'EXPLOSION PROTECTION & VENTING SOLUTIONS' is overlaid in white on the lower right portion of the image.

EXPLOSION PROTECTION
& VENTING SOLUTIONS



EXPLOSION PROTECTION & VENTING SOLUTIONS

DEFEATING EXPLOSION RISKS

Fike explosion protection and venting systems help prevent the unthinkable from occurring, so your business and employees can remain safe from life-threatening accidents or disasters.

With more than 70 years invested in research, explosion hazards testing and product development, Fike has set a standard of quality and performance in explosion mitigation solutions.

A PROVING GROUNDS FOR PROTECTION

Fike is known in the industry for creating and maintaining a state-of-the-art, live-scale explosion test lab to analyse volatile materials and reactions in accordance with ASTM (American Society for Testing & Materials) and ISO (International Standards Organization) standards.



EXPLOSION VENTING



Explosion venting, one of the most common and effective forms of explosion protection, offers overpressure protection from potential industrial explosion hazards by providing a planned pathway for expanding gases and flame to escape.

Venting is used to protect dust collectors against destruction or deformation resulting from the excessive forces exerted by explosion pressure.

- High temperature vents
- Deep vacuum vents
- High performance vents
- Sanitary vents
- Elevator vents
- Gas engine exhaust



EXPLOSION SUPPRESSION



Designed to identify and suppress an explosion in its earliest stages, these systems help prevent incidents from becoming serious disasters. Fike's explosion detection and suppression technology allows for an explosion suppression response within milliseconds.

- Detection & control systems
- Protection activation systems
- Early stage chemical suppression

EXPLOSION ISOLATION

These systems help prevent the propagation of flame from one part of a process to another through use of fast-acting isolation valves and chemical suppressants.

- Explosion diverter
- Fast-acting isolation valves
- Pinch valves
- Flap valves
- Explosion detection & control
- Early stage chemical isolation