



OAKLEAF INVESTMENT HOLDINGS 52 (PTY) LTD

## **OAKLEAF INVESTMENT HOLDINGS 52 (Pty) Ltd**

**is by contract the exclusive import  
agent and service provider in South  
Africa for various foreign specialist  
manufacturers of**

**FIELD PROCESS MEASURING AND  
CONTROL EQUIPMENT**

**COMPRESSED AIR TREATMENT**

**OVERPRESSURE PROTECTION**

**VALVES AND REGULATORS**



*Commitment to our Customers*

# Fike®

Innovative, Reliable, Patented,  
Explosion Protection Technologies.



The Fike Valveguard concept uses bursting discs to isolate your Pressure/Safety Relief Valves, protecting them from process media and downstream contaminants.

**VALVE GUARD**

## RUPTURE DISCS



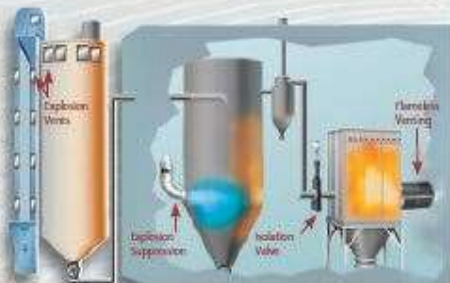
**AXIUS®**

AXIUS® represents a revolutionary advancement in high performance bursting disc technology.



Fike bursting discs can help you improve your safety record, preserve process continuity... And reduce your costs!

### FIKE TOTAL EXPLOSION PROTECTION SOLUTIONS



#### EXPLOSION VENTING

Relieves pressure during an explosion to prevent catastrophic damage to the process equipment.

Used when the enclosure cannot withstand maximum explosion pressure and when it is safe to release process materials and flames into the atmosphere.

Care should be taken to ensure that the process equipment is vented to safe areas to prevent secondary explosions.



#### FLAMELESS VENTING

Used when the protected enclosure is indoors, where ducting is cost prohibitive or impossible, and/or when free-venting exposes personnel or other equipment to the dangers of a vented discharge.



#### EXPLOSION TESTING

Defines the explosibility parameters and limits of the material for explosion protection system design.

The results of the explosibility testing are required by Fike certified representatives to determine and design the appropriate level of protection.



#### EXPLOSION SUPPRESSION

Quickly introduces a suppressant agent into the vessel (within milliseconds) to mitigate the combustion hazard before pressure reaches dangerous levels.

Used when the process materials cannot be safely released to the atmosphere, when the installation of vents is impractical or when venting exposes personnel to dangerous pressure and flame discharge.



#### EXPLOSION ISOLATION

Stops the deflagration from reaching other areas through interconnected process ducts or pipes.

Isolation is employed to compliment both venting and suppression explosion protection methods. A deflagration should always be prevented from propagating to other parts of the facility.



[www.fike.com](http://www.fike.com)