



There are very good reasons to choose Rottguard as your fire protection partner.

“Up to 70% of businesses cease to trade within 3 years of a serious fire despite insurance”

“Faulty electrical wiring is a major cause of fire. The danger is present anytime both day and night”

“Over 60% of fires develop at night, when buildings are unoccupied or occupants are sleeping”

“All fire systems need regular inspection and testing to ensure effectiveness & compliance”

“Faulty fire systems make your business vulnerable. Poorly maintained systems put lives and business at risk”

“Sub-standard maintenance can invalidate your fire certificate and diminish your insurance cover”

“It is commonplace for our engineers to find serious faults on systems which have been maintained by non-specialist individuals”

“Your system needs to be maintained by specialist with the skills and expertise”

Rottguard are the specialist. Call us today to discuss your fire protection requirements.

Rottguard Fire Systems Ltd.
Cullen, Co. Cork. Ireland.
T: + 353 (0)29 76653
M: + 353 (0) 87 7517900
E: gerard@rottguard.ie
www.rottguard.ie

Rottguard - Excellence in Fire Protection



Gerard Linehan
Rottguard's MD

Sophia @ Firex 2018 with Rottguard's
DLP fire suppression system



Direct Low Pressure
Fire Suppression System



About US: Rottguard manufacture direct acting low pressure (DLP) fire suppression systems, using heat sensitive pneumatic tube, for the protection of unoccupied spaces.

Compliance: DLP systems comply with PED, 97/23/EC and offer round the clock protection from the devastating consequences of fire, having been tested to LPS 1666 and internationally recognized test fires, as per NFPA, AS ISO & I.S. EN standards.

Operation: DLP systems extinguish fire automatically, when the 6mm pressurized tube, attached to the non-conductive clean agent extinguishant storage vessel bursts; on exposure to flames in excess of 80°C, thus releasing the gaseous suppressant, orientated in the direction of the fire; leaving no residue.

Such extinguishment of the fire at source, generally only necessitates the replacement of the individual faulty component within an enclosure; (as seen under the scorch mark on front cover image); thereby minimizing operating down time and repair costs.

Rottguard DLP System Locations: Three of which extinguished electrical fires in Australia, South Africa and Saudi Arabia.



Electrical cabinets with DLP System.



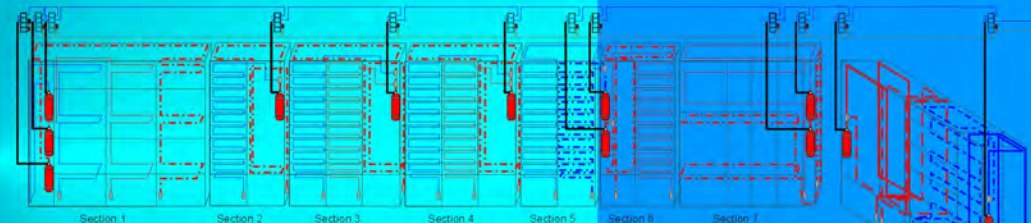
Sub-Station & white DLP agent cylinders



HT Transformer with DLP protection



The above images are examples of the Rottguard DLP tube within electrical cabinets



Project: Apple Computer Ltd - HH4-E

Drg. Title: MDB6 Main D. B. & P. F. Correction Panel - Rottguard DLP Fire Suppression System.

- Rottguard DLP (direct low pressure) acting 2kg x HFC-227ea fire suppression system storage cylinder
- 6mm Pressurized fire detection and suppressant tube (represented in various colours)
- 3 x 0.75mm panel dev.
- 1/8" detection tube T-Fitting
- 1/8" Stop end tube fitting
- 470Ω ohm (required value, can vary) fire detection zone or I/O unit end of fire resistor
- 470 ohm current limiting resistor fitted in series with each pressure switch
- Fire Detection & Alarm Control Panel
- Fire Detection System 220Vac rated addressable I/O Interface Unit

Training: All Rottguard personnel are F-Gas Certified and provide full training on the design, installation and servicing of its DLP systems to appointed agents. DLP systems require little maintenance, apart from the routine biannual inspection, for compliance with the Flouranated Gas Regulation 517/2014 and the Commission Regulation (EC) No 304/2008.



The above DLP system drawing is representative of those Rottguard provides to its customers.

Rottguard also provide training on other fire protection systems such as the HP CO2 system as seen to the left, FM200, wet and dry chemical agents.



Excellence in Fire Protection

