

'protecting your high value equipment against fire risk'

PROTECTS THE FOLLOWING

- ❏ Conveyor belts (tail pulley, head and tensioner).
- ❏ Transformers.
- ❏ Hydraulic packs.
- ❏ Fuel storage tanks.
- ❏ Oven burners.
- ❏ Wind turbines.
- ❏ Pumps.
- ❏ Lube rooms.
- ❏ Compressors.
- ❏ Generators.
- ❏ Electric motors (and more).



ADVANTAGES

- ❏ Effective fire detection.
- ❏ Reducing downtime and cleanup after activation.
- ❏ Considering the environment.
- ❏ Easy installation and operation.
- ❏ Cost effective maintenance.
- ❏ Stand-alone systems.
- ❏ Any stationary or fixed high value equipment.



'I-CAT'S LOCALISED SUPPRESSION SYSTEMS INCORPORATES NOZZLES THAT WAS TESTED IN ACCORDANCE WITH UL711 GUIDELINES'

The I-CAT Fire Solutions' Localised Suppression System (LSS) was designed to protect your valuable production and industry equipment such as transformers, generators, hydraulic power packs, conveyor belts (high risk areas like tail, head and tensioner pulleys) and fuel storage tanks against fire.



THE SYSTEM MAKES USE OF WATER MIST TECHNOLOGY

This technology is currently the leading misting technology internationally extinguishing all classes of fires by using Water Mist with foam additive as the agent. The system creates a fine atomised mist, charged with kinetic energy to penetrate the heat radiation caused by a fire. It leads to gradual cooling without causing thermal shock to the equipment. A foam additive is added to the system to prevent any class B fire from spreading when fuel lines or hydraulic lines rupture, causing equipment fires.

LINEAR HEAT DETECTION TUBING

The specialised pneumatic tubing will detect a fire at elevated temperatures. The pneumatic tubing offers a highly reliable detection and system activation methodology.

I-CAT's Localised Suppression Systems incorporates nozzles that was tested in accordance with UL711 guidelines. The systems are proven safe against conductivity on electrical apparatus and can be used on electrical equipment up to 100 kV.

SYSTEM MAINTENANCE

The water and/or foam mist system is designed to improve and save on maintenance costs. Once a system has been activated, it will require a water refill, antibacterial tablet, detection tubing repair and system pressurization with nitrogen or compressed air. All I-CAT Systems can be re-instated on site within minutes.

