



VEHICLE FIRE SUPPRESSION SYSTEMS

WORMALD®

AFEX[®] Fire Suppression Systems.

AFEX Fire Suppression Systems is the first manufacturer to hold the new FM5970 Approval that covers 'Heavy Duty Mobile Equipment Systems'.

AFEX Systems comply to AS5062-2006: Fire protection for mobile and transportable equipment.

Dry Chemical

The AFEX Dry Chemical system provides a fast fire knockdown with maximum coverage. This system delivers three-dimensional suppression against common threats including Class A (debris), Class B (fuel), and Class E (electrical) fires. It is the most versatile agent for heavy equipment.

Liquid-Only

This system targets hot surfaces and separates hydrocarbon molecules to suppress Class A (debris) and Class B (fuel) fires. This provides exceptional cooling and protection against fire reignition. This system also penetrates debris and suppresses pooled fuel fires.

Dual Agent

This system works by maximising protection by applying both dry and liquid agents to specific hazardous areas. The Dry Chemical provides fast knockdown and coverage, whilst the Liquid-Only agent targets hot surfaces for suppression and cooling.

AFEX Control Unit

The AFEX Control Unit is an advanced fire suppression system monitor panel. It is durable, powerful and easy to use with just a single unit that utilises only one harness.

- Programmable LCD Display
- Dual Detection Capability
- Internal Event Log
- One Year Standalone Power
- Dual Detection Circuits
- ISO13766 Compliant



AFEX CONTROL UNITS OFFER VEHICLE CONNECTIVITY INCLUDING:

- TELEMATICS INTEGRATION
- REMOTE SYSTEM MONITORING
- REMOTE CONTROL OPERATION
- VEHICLE SHUTDOWN INTEGRATION
- AUTONOMOUS VEHICLES



ANSUL Fire Suppression Systems.

LVS Liquid Agent Fire Suppression Systems are utilised as a stand-alone system. This system protects off-road equipment such as above-ground and sub-surface mining equipment, specialty vehicles, and on-road vehicles. The agent flows readily into areas where flammable liquids may settle, providing both fire suppression and superior cooling.

The combined performance of the **A101/LVS Twin Agent Fire Suppression System** provides maximum protection. The FORAY dry chemical knocks down flames, while the LVS agent cools the surrounding areas, minimizing the possibility of a reflash.

A101 Dry Chemical Fire Suppression System is an automatic or manual fire suppression system using FORAY dry chemical agent for Class A, B, and C fires. This system is designed for use on large, off-road type construction and mining equipment, underground mining equipment and specialty vehicles.



CHECKFIRE 210 Detection and Actuation System is designed to provide detection, alarm and fire suppression system actuation for mobile applications such as hydraulic excavators, haul trucks, wheeled loaders, dozers and graders. The CHECKFIRE 210 is typically used with an ANSUL LVS, A-101, or twin agent vehicle fire suppression system.

WORMALD WAS ONE OF THE FIRST FIRE PROTECTION COMPANIES IN AUSTRALIA WITH A VEHICLE FIRE SUPPRESSION SYSTEM THAT COMPLIED WITH AUSTRALIAN STANDARD, AS 5062-2006: FIRE PROTECTION FOR MOBILE AND TRANSPORTABLE EQUIPMENT.



Specialists in Fire Protection since 1889.

Our expertise spans the design, manufacture, installation and service of fire products and equipment backed up with a comprehensive range of services from engineering advice to fire safety training.

Our range of Vehicle Fire Suppression Systems have been developed for fires occurring in the engine and transmission compartments and hydraulic areas of heavy vehicles. It also protects plant and equipment used in industries such as mining, quarrying, construction, waste disposal and forestry.

Wormald has proactively introduced environmentally sensitive fluorine-free foam in its foam vehicle suppression systems, addressing concerns on the environmental impact of Aqueous Film Forming Foams (AFFF's). Existing equipment can easily be upgraded. For a foam conversion kit quotation please contact Wormald

Whether you require a foam water spray system, dry, wet or dual chemical agent, our proven end-to-end solutions are designed to rapidly suppress fires in all kinds of vehicles from huge mining and quarrying plant and equipment to small forklifts and 4WDs.

Contact us today.

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WORMALD®