



Fire Protection Solutions for Transport and Logistics

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Protecting People & Property

WORMALD



A new route to total fire protection systems

A comprehensive and effective fire management system is an essential component of all transport and logistic related businesses.

A major fire, with its devastating effects can quickly bring operations to a standstill, damage reputation and often place lives at risk. A swift and competent response to a fire incident can protect your reputation amongst travellers and business partners, but an unprofessional approach may take years to recover from.

Vigilant managers protect transport and logistic facilities from fire and other risks as part of effective business continuity management. Wormald's fire protection systems work to prevent minor mishaps turning into serious incidents. Our systems have been chosen to protect technically challenging, sensitive environments, as well as to provide cost effective fire detection and suppression for general areas.

Our products at a glance

Heat and smoke detection

An effective integrated fire response starts with early detection. Heat and smoke detectors can alert you to a problem even before flames develop. Wormald's CO and Laser smoke detectors can detect small smouldering fires that emit colourless and odourless carbon monoxide gases long before conventional detectors. Responding to and getting

these smaller fires under control before they develop is the key to keeping facilities free from devastating fire incidents.

Automatic sprinklers

Sprinklers are a traditional and effective first line of defence. They are sealed by a heat sensitive glass bulb, that when shattered by heat from a fire releases water onto the sprinkler deflector plate, creating a water spray directed onto the seat of the fire. The technology is simple, inexpensive and has a proven record of preventing small fires developing into large outbreaks. Wormald has a variety of sprinklers with different spray patterns, droplet sizes and flow rates to maximise fire suppression effectiveness while minimising water damage.

Integrated response control panels

In larger transport and logistic facilities a variety of heat, flame and smoke detectors are usually connected to one or more of Wormald's specialised MX series control panels. Data is continuously fed from key locations into the panel where its inbuilt intelligence reduces false alarms while providing a rapid response to fire events. The panels also keep a comprehensive record of sensor readings for audit and analysis. In larger buildings, fire control information may be displayed on a colour graphic interface, providing an operator with a sector by sector view of each sensor and valve monitor.

Fact: Wormald's fire protection systems have been chosen for:

- > Airports
- > Train stations
- > Warehouse and distribution centres
- > Road bridges and tunnels
- > Rail and bus interchanges

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From comprehensive systems to comprehensive solutions

Fact: Wormald's team of experts install fire suppression systems and our specialised project teams are capable of handling projects of any size. We understand you cannot interrupt your business to install protection systems, and so we have developed ways of working safely around ongoing operations.

Emergency warning and evacuation systems

Wormald can also supply and install an Emergency Warning and Evacuation System (EWIS), controlled from a central location, allowing you to keep your employees and commuters informed and providing them with instructions in the event of an emergency. Speakers and alarms installed throughout the building can be activated zone by zone so that people's movement can be coordinated.

Portable fire equipment

Fire extinguishers, fire hose reels and fire blankets provide an effective immediate response to smaller fires. Strategically located throughout the facility, these devices allow your staff to take positive action against minor fire incidents.

Fire protection for specialised areas

Wormald has a range of technically advanced systems for specialised applications. For cold storage, outdoor and unheated warehouse facilities the vanQuish™ fire sprinkler system is unsurpassed. It provides protection for category 1, 2 and 3 commodities without expensive antifreeze and has low installation and maintenance costs.

Specialised fire suppression systems, such as SAPPHIRE™ and Inergen®, protect control and IT rooms. These systems suppress fire without harming operators or sensitive equipment.

Fire and smoke containment

Fire doors provide an effective barrier against spreading fire by isolating various parts of your building. They create safe areas for your employees and commuters in an emergency.

Smoke can be contained by fitting smoke spill fans in air conditioning ducts. These pressurise areas to retard smoke movement throughout a building so that a small incident in one area does not impact the whole facility.

Evacuation plans

While we hope you will never need to use it, Wormald specialists can work with you to develop an effective evacuation plan that will get your employees and commuters to safety quickly and with minimum fuss. We will help you design the route and the protocols necessary to help you evacuate the people on your premises.

Fire system maintenance

Having the very best fire protection system is important, but it is only useful if it is ready to respond when required. Wormald's testing and maintenance services give you confidence your fire protection is always on guard, ready to detect and suppress any fire.

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Meeting every challenge with optimal solutions

Training your people

Well trained and capable people can substantially reduce the impact of any fire crisis by responding quickly and appropriately in an emergency. Wormald training courses cover basic portable fire extinguisher handling, fire warden training, evacuation procedures, confined space, breathing apparatus, crowd management and other aspects of emergency response. Our training gives people both a theoretical understanding of fire dynamics as well as practical skills so they can act with confidence.

Good design is at the heart of effective fire protection

Designing a fire protection system requires special expertise – expertise that Wormald has developed over many years in the business. An in-depth understanding of fire behaviour, along with extensive knowledge of the performance of fire protection components, is needed. This knowledge allows us to install and configure sensors and fire suppression systems so that they work together to suppress fire swiftly and with minimum fuss.

In a transport environment, we survey the facility taking special note of the location of key equipment, vehicle routes and storage

locations. We design a system to provide effective protection that meets or exceeds relevant standards, combining traditional and advanced technologies to develop a fire protection regime which delivers an acceptable risk/cost balance.

Wormald is able to design protection systems for greenfield sites, as well as taking advantage of the latest technology to upgrade established facilities so that they are in line with modern practice. Combining new and old fire protection components is often a cost-effective way to protect expanded or changed operations.

Your partner in fire prevention

We believe in teamwork and have dedicated teams to manage each phase of a project; from risk assessment to installation, service and training. We foster communication between our teams to provide clients with a totally integrated service.

With more than 2,000 employees throughout Australasia, Wormald has the talent and expertise to provide you with the best total fire protection solutions. Most importantly, we can give you peace of mind.

We like to think of ourselves as your partner in fire prevention.

Fact: Effective fire control requires good design – the correct components in the correct location. Wormald's fire protection experts offer a complete solution: design, supply, installation, maintenance and technical support.

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