



## Fire Protection for Ports and Terminal Equipment

### Prepare for the worst. Protect with the best.

In a concerted effort to reduce injuries, loss of life, as well as minimise equipment damage, ports and terminals operations worldwide use ANSUL® automatic fire suppression systems and portable extinguishers. These systems are designed to help protect your equipment and keep your operations running with minimal disruption to your business and to your finances. Installing an ANSUL fire suppression system can also help minimise the damage caused to the environment when a fire does occur.

Our passion for protection is what drives our innovators to continually find better ways to help protect your valued employees and assets from fire.



### Suppress fires and help prevent reflash

Ports and terminal equipment operates virtually non-stop with flammable liquids flowing through pressurised lines

within inches of super-heated engine blocks. The ANSUL LVS Fire Suppression System provides both fire suppression and superior cooling of super-heated surfaces while blanketing the fuel and cutting off oxygen to help prevent reflash. The liquid agent flows readily into hard-to-reach areas along the same path flammable liquids may have travelled. Additional features include tank capacities of 3 gal (11.4 L), 5 gal (18.9 L to 113.6 L) and an effective operating range of -40°F to 140°F (-40°C to 60°C).



### Cutting-edge detection and actuation

With its colour-coded, plug-and-play connectors, the rugged and flexible CHECKFIRE 210 Detection and Actuation System features two, supervised detection circuits configurable for single-zone detection, two-zone detection, cross-zoned detection, discharge pressure feedback monitoring or alarm only. The CHECKFIRE 210 offers linear detection wire and spot thermal detection that can be used individually or in combination.



### Double duty protection for mobile equipment

The combined performance of the ANSUL A-101/LVS Twin-Agent Fire Suppression System provides protection where equipment works

24/7 in rugged port environments. While the A-101 dry chemical knocks down flames, the LVS agent cools surrounding areas, helping to minimise the possibility of reflash.



### Designed for versatile agent discharge

The ANSUL A-101 Fire Suppression System is ideal for use on non-road,

port, terminal and container yard equipment. The system discharges proven FORAY multi-purpose dry chemical agent, quickly knocking down and suppressing Class A, B and C fires. The A-101 fixed nozzle system can be designed to flood entire volumes with dry chemical agent or discharge directly at specific high-hazard areas.



### Spill-X products for chemical spills and flammable liquid spills

SPILL-X agents are specifically formulated to treat acid, caustic, solvent and formaldehyde spills by neutralizing, solidifying, and/or adsorbing. Chemical spills happen and can immediately become hazardous waste situations. The SPILL-X product line of free-flowing treatment agents provides a quick, safe and cost-effective alternative method of spill control containment.



### Protect the control rooms of megaclass quayside cranes

The INERGEN and SAPPHIRE Clean-Agent Fire Suppression Systems use a clean, electrically non-

conductive agent designed for use with sensitive electrical equipment found in the control rooms of large equipment.



### Fight fires in the earliest stages

RED LINE Cartridge-Operated Fire Extinguishers and RED LINE Wheeled

Fire Extinguishers provide powerful and portable fire protection in tough environments. These highly mobile extinguishers offer fast, one-step actuation and one person operation. Heavy-duty vehicle brackets provide reliable mounting of the extinguisher for easy access and proper placement on mobile equipment.



### Firefighting foam for Class-A hazards

In a 0.1% to 1.0% solution, SILV-EX PLUS Fire Control Concentrate provides the excellent penetrating, wetting, cooling and blanketing

characteristics needed to combat tough Class-A fires. SILV-EX foam can be applied using a foam-water sprinkler system or manually using various portable foam discharge devices.



## Fire Protection for Commercial Transport and Haulage Vehicles

Fires pose one of the greatest safety threats to transport and haulage vehicles, the cargo they carry and the properties they deliver to.

Long working hours, difficult conditions and hot engine and exhaust components combine to elevate the risks involved. Detecting and suppressing a fire on board at the earliest possible opportunity is vital in protecting your assets and those of your customers. You need an automatic fire detection and suppression solution that keeps your driver safe, your load secure and your business operating.

ANSUL® offers dependable, fast-acting fire detection and suppression solutions to safeguard your people, while protecting your business — any time any place.



### CHECKFIRE 110 detection and actuation system

Transport equipment comes with substantial fire safety challenges often requiring an investment in life and property protection. The ANSUL CHECKFIRE 110 Electronic Detection and Actuation System offers cost-effective, single-zone detection and actuation for vehicles used in the extreme environmental and physical conditions of industries like transit, waste/recycling, aviation and forestry.

The CHECKFIRE 110 system provides electrical and/or optional pneumatic input to actuate an ANSUL fire suppression system.



### Suppress fires and help prevent reflash

The LVS Liquid Agent Fire Suppression System utilized in a stand-alone system protects on-road vehicles such as public transportation, waste management, over-the-road trucking and cargo transport.

The LVS system provides both fire suppression and superior cooling of superheated surfaces while blanketing the fuel and cutting off oxygen to help prevent reflash.





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