

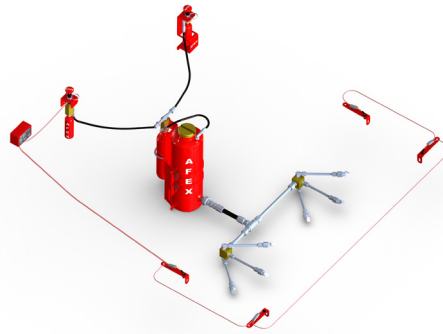
WE KNOW STEEL AND SLAG.

Steel mill equipment operates in a hazardous and tough environment that has many unique fire hazards and risk. Equipment fires put capital and personnel at risk. To prevent fire losses, steel and slag handling equipment requires special fire protection.

AFEX fire suppression systems are purpose built for the protection of mobile heavy equipment working in this type of environment.

We specialize in vehicle systems and our 40 years of innovation, testing, and manufacturing insures that your equipment is protected with a reliable, proven system.

AFEX knows heavy equipment and we design systems that protect effectively but do not deter standard equipment operation. AFEX systems are easily serviced and recharged in the field using common hand tools, decreasing the down time of a machine after a fire.



No matter how hostile your environment, AFEX can customize, install, and guarantee a fire suppression system that works for you. Our distribution, service, and support network is international in scope, but personalized and responsive to your unique requirements.



AFEX SYSTEM FEATURES.

Stainless Steel Tubing Distribution

The AFEX System is typically installed using stainless steel tubing. Once installed, the tubing is nearly maintenance free and avoids time consuming hose replacements resulting from dry rot.

The tubing, unlike hose, does not tangle or intertwine among the many existing hydraulic lines. It provides a clean and organized appearance that places the nozzles in fixed positions to best reach fire hazards without interfering with routine maintenance and operation of the machine.

Conical Discharge Nozzle

The AFEX Nozzle delivers a conical discharge pattern for broad distribution of the dry chemical agent, creating a "total flooding" system and maximizing area coverage. A spring-loaded hinge keeps the nozzle clear of debris and directs the dispersion of the agent.

Automatic Detection System

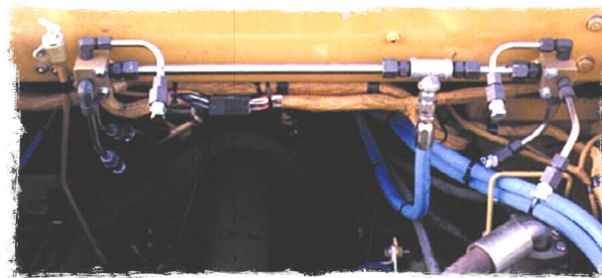
Our sensor is a single-pole, single-throw, switch activated automatically when the sensor reaches the pre-set temperature. The case is laser welded to form a hermetically sealed housing and can be encased in various types of brackets or enclosures for mounting.

The sensor is manufactured to meet or exceed critical commercial and industrial specifications. Each unit is 100% thermally and mechanically inspected.

Circuit Monitor Panel

The AFEX CMP uses both audible and visual alarms to alert the operator to system conditions and can also activate external alarm devices. The design uses solid state electronics rather than microprocessors to make the monitor resistant to false alarms and interference from EMI, RF, and unregulated voltage. Because power is accessed from the equipment's battery, no additional batteries are necessary.

The panel also provides an operator controlled delay function and an optional engine shutdown relay is available to reduce the risk of reignition.



A vehicle fire suppression system is not a finished product until it is installed. Therefore, proper installation and maintenance are crucial to ensure long-term reliability and effectiveness of the system.

AFEX knows heavy equipment and the hazards that put it at risk. AFEX is the only company that specializes in heavy equipment fire protection. AFEX Distributors share the same special knowledge required to protect heavy equipment against fire.

Unlike our competitors, all AFEX distributors are experienced with vehicle fire suppression systems and the heavy equipment used in mining, landfills, forestry, and steel mills. Our distributors are trained to install and service AFEX systems in the field and keep customers up and running.

When choosing a vehicle fire suppression system, choose AFEX for the quality of design and choose AFEX distributors for the quality and reliability of their service.

Let us introduce you to your local AFEX service provider. Call us at (919) 781-6610 or email info@afexsystems.com.