

## FIRE PROTECTION FOR STEEL & SLAG

**HANDLING** steel is a tough business. Period. It's especially hard on machinery and equipment; equipment that is being utilized in harsh and often-times, unforgiving environments. These working conditions create potentially hazardous situations for the equipment and can lead to an increased fire-risk. This presents a difficult situation for companies in the industry. Equipment fires can literally burn through capital investments while negatively impacting production efficiency and consequently affecting your bottom-line. In order to avoid these consequences, preventative measures must be put in place in order to protect investments. That's where we come in. Forty years of experience has made **AFEX** specialists in the business of fire suppression. Continuous innovation and product specialization has allowed us to create the most effective systems on the market, while maintaining focus on our customers' needs. Simply put, fire suppression is what we do.

At **AFEX** we know the steel and slag industry. We know that your equipment is exposed to some of the world's most abusive conditions. The heat alone is enough to turn a leaking hydraulic hose into a raging fire. We also know that your equipment is expensive. **AFEX** can ensure that this equipment is covered if a fire were to occur as a result of these or other factors. Utilization of **AFEX** Systems will severely limit the potential for loss if and when an equipment fire occurs, saving you money.

**AFEX** provides the most specialized systems for the most specialized industries. We make our systems with the sole purpose of protecting your equipment. Through our network of distributors we can work with you in order to meet all of your fire suppression needs and keep you protected.



# SYSTEM FEATURES

## Stainless Steel Tubing Distribution

The **AFEX** system is widely known for its rugged stainless steel construction, designed to be as sturdy as the machine it's installed upon. The tubing is nearly maintenance free and avoids costly and time consuming hose replacements.

Tubing, unlike hose, does not twist or tangle 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. The integrated spring-loaded hinge keeps the nozzle clear of debris (without the need to constantly replace blow-off caps) and directs the dispersion of the agent towards the hazard.

## Automatic Detection System

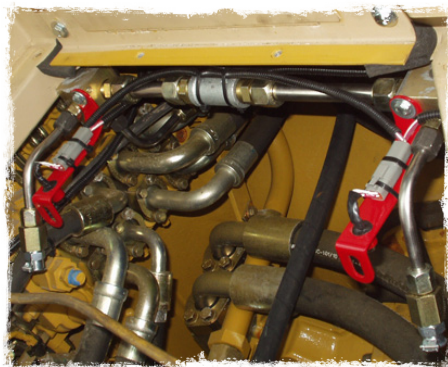
The **AFEX** sensor is a single-pole, single-throw, switch that activates automatically when the sensor reaches the pre-set temperature. The case is laser welded to form a hermetically sealed housing and can be encased in various types of brackets or enclosures for ease of mounting.

Each unit is manufactured to meet or exceed critical commercial, industrial, and military specifications and then inspected by hand to ensure proper operation.

## 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. An operator controlled delay function is provided to prevent unwanted system discharges and an optional engine shutdown switch is available to reduce the risk of fire reignition.

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. Power is accessed from the equipment's battery, so no additional batteries are necessary.



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 distributors share the same special knowledge required to effectively protect heavy equipment against fire risks. Unlike our competitors, all AFEX distributors are experienced with vehicle fire suppression systems and heavy equipment.

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](mailto:info@afexsystems.com).