AFEX

FIRE SUPPRESSION SYSTEMS

WE KNOW HEAVY EQUIPMENT

ABOUT US

HEAVY EQUIPMENT PEOPLE SPECIALIZING IN FIRE PROTECTION

AFEX is uniquely positioned to meet your fire protection needs. We've dedicated 50+ years to the discovery, innovation, manufacture, and testing of vehicle fire protection systems designed **exclusively** for mobile heavy equipment. Our engineering personnel have heavy equipment backgrounds and we have chosen to be specialists in protecting heavy equipment.
It's all we do.

Our company is dedicated to helping you protect your investment from fire loss. We recognize that any machine downtime results in lost productivity and earnings. That's why **we design low maintenance, reliable systems that protect personnel and productivity** but do not deter machine operation. Our systems can be **easily serviced and recharged in the field,** decreasing downtime while protecting your valuable capital investment. They also have the **lowest cost of ownership** of any vehicle fire suppression system.

For these reasons and more, **AFEX is the #1 manufacturer of off-road fire suppression systems in the Americas.**

AFEX is a company of heavy equipment people specializing in fire protection, that designs and builds reliable systems that protect your heavy equipment from loss and downtime. The systems are customized to meet your specific equipment and environmental requirements.

CAPABILITIES

We provide reliable fire suppression solutions that keep your equipment productive, safe, and profitable. We'll work hand-in-hand with you to develop a solution that's right for your application.

RISK ASSESSMENT
DESIGN
TRAINING
INSTALLATION

AUDITING
CORPORATE PROGRAMS
OEM ACCOUNTS
ON SITE TECHNICAL SUPPORT

PORTFOLIO

AFEX knows heavy equipment and the demands of your operation. Our fire suppression systems are **purpose built** to withstand everyday abuse. No other fire suppression system manufacturer beats AFEX reliability or support.

Safety never takes a break. That's why major oil, gas, and energy companies choose AFEX to maximize their safety and productivity with **proven solutions.**

WE KNOW OIL & GAS

The layout of the average hydraulic fracturing spread, with equipment operating in close proximity to flammable materials as well as other equipment, creates a high risk situation with limited fire fighting access. Thankfully, AFEX offers a proactive and proven solution.

Utilizing the latest fire protection technology, an AFEX fire suppression system offers effective fire protection backed by almost 50 years of experience in the heavy equipment industry.

SOLUTIONS

THERE'S NO "ONE SIZE FITS ALL" FIRE SUPPRESSION SYSTEM

As part of the AFEX program approach, we analyze the unique fire risks of every machine, the safety concerns of your operators, and the potential financial impact of a fire to provide a protection program that's right for you.

Fire Risk Assessments

IGNITION SOURCES | Turbochargers, hydraulics, electric cables

FIRE SOURCES | Diesel, hydraulic, debris, hazardous material

PERSONNEL SAFETY | Operator location, exposure risk, egress, environmental hazards

ECONOMIC RISK | Vehicle cost, loss production, natural resources

Fire Protection Programs

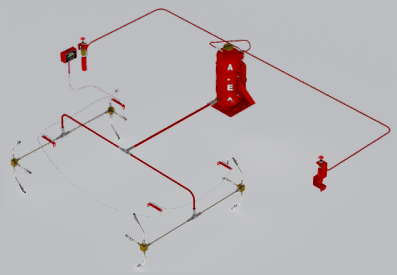
1. RISK REDUCTION
Vehicle design changes or maintenance to reduce fire risk

2. OPERATOR TRAINING
Policies and procedures to increase safety and improve fire response

3. FIRE SUPPRESSION SYSTEMS
Third-party certified systems to fit your machine

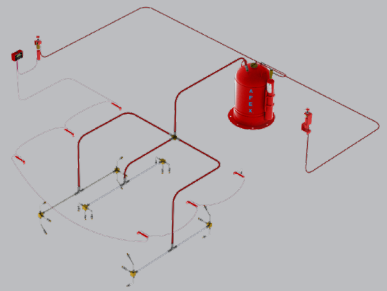
Dry Chemical System

Pound for pound, provides the **fastest fire knockdown** and **greatest total coverage**. Delivers **three-dimensional protection** against common threats including Class A (debris), Class B (fuel), and Class C (electrical) fires, making it the most versatile agent for heavy equipment.



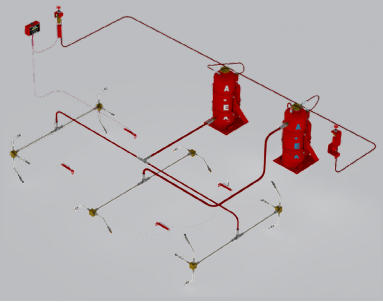
Liquid Chemical System

Targets hot surfaces and separates hydrocarbon molecules to suppress Class A (debris) and Class B (fuel) fires. Provides **exceptional cooling and protection against fire reignition**.



Dual Agent System

Maximizes your protection by applying two different agents targeted at different hazards. Dry chemical provides fast knockdown and coverage while liquid agent targets hot surfaces for suppression and cooling. NFPA 122 requires dual agent for hydraulic shovels.



TECHNOLOGY

THE MOST ADVANCED MONITOR PANEL ON THE MARKET

Durable, powerful, and easy to use. With just one Control Unit, that uses just one harness, you can upgrade your AFEX fire suppression system to the next level of performance.

Featuring:

- Programmable LCD display
- Multiple languages
- Internal event log
- One year standalone power
- Dual detection capability
- Dual actuation circuits
- ISO 13766 compliant

Autonomous Vehicles

The transition to unmanned vehicles brings about new requirements for your fire suppression systems.

Driverless vehicles eliminate the opportunity for an in-cab operator to identify a fire and manually actuate a fire suppression system.

Fortunately, **AFEX fire suppression systems offer advanced remote system monitoring and automatic fire response**.

Fleet Management

When do you want to know you have a fire on your equipment?

AFEX was the first to anticipate and address this need. We developed our fire suppression systems to interface with your equipment to provide **real time status of your AFEX fire suppression systems via your on board dispatch system**.

Remote Operations

Whether you are operating a remote control tree chipper or underground scoop tram, an AFEX fire suppression system puts you in control, **remotely.**

If a fire is detected, the AFEX system will alert your operators and first responders. The operator can even **manually actuate and discharge the AFEX fire suppression system from their remote location**.

GLOBALLY CERTIFIED

Product certifications are more than just logos on our products. These international third-party approvals and certifications are **critical** to ensuring a vehicle fire suppression system is properly designed to protect off-road equipment and endure the rigors of day-to-day operation in the field.

AFEX fire suppression systems are rigorously tested to meet extreme conditions and pass specific fire tests designed to simulate real risks of off-road equipment.

Not all "approvals" are the same. Your fire suppression system should meet standards that apply to off-road equipment, such as AS 5062 and FM HDME. Insurance companies will require your systems to have met these standards' testing criteria and that they bear the related FM or ActivFire symbols in order to provide coverage for fire related incidents.

AFEX is committed to an ongoing testing program to attain and maintain the latest industry standards for vehicle fire protection.

FM APPROVED

CE

ACTIVFIRE LISTED

NFPA®

FPA AUSTRALIA

MADE IN THE USA, FOUND ON ALL 7 CONTINENTS

Our international network of distributors provide products and services globally from the mines of Chile, to the forests of Canada, to the steel mills of Germany, and for the exploration of Antarctica.

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