



Fire Protection for the Mining Industry

Kidde Fire Systems. What it takes to protect your mining operations against fire.



In remote, rugged environments that daily test the limits of men and machinery, the last thing a mining operation can afford is a fire. Not only will it threaten your operators and destroy vital equipment, a devastating fire most certainly will adversely affect your production and profits. It will also impact your insurance costs, especially if your company is self-insured.

Fire protection is a science in which you can't afford to make mistakes. That's why it pays to trust Kidde Fire Systems.

From Haulers to Conveyor Systems. If it's a mining application, we've protected it against fire. That's because our only business is solving fire protection problems. We work with our mining customers to identify potential fire hazards. Then we design, test and manufacture systems capable of detecting and suppressing fires before hard-working pieces of mining equipment become insurance statistics.

Proven Systems, Proven People. From a Kidde FM-200® Waterless System for an electric control room to Kidde's KVS™ Vehicle System, we keep working on new and better ways to protect your investments.

These innovative fire products are developed by Kidde engineers who get their hands dirty learning how your mining equipment works so we can predict where fires will start and what it will take to suppress them.

The Kidde WolfPack™ Network. This is the final piece of the fire protection equation: Kidde WolfPack professionals who are your personal link to the best special hazards fire protection company in the world. Carefully chosen and trained, these people are dedicated to the mining industry and deliver a world of important Kidde fire protection services right to your mine site.

The Kidde Mining Application Guide

APPLICATION Haulers – Shovels – Draglines – Loaders	APPLICATION Vehicle Control Centers	APPLICATION Conveyor Systems/Cable Trays
FIRE HAZARD Fuel or hydraulic fluid leaks ignited by hot engine and manifold parts.	FIRE HAZARD Overheated elements and shorts in components of large vehicle control centers produce electrical fires.	FIRE HAZARD Jammed rollers or electrical problems can produce a fire situation in hard-to-detect areas.
KIDDE RESPONSE Kidde KVS™ Vehicle Systems • Infrared detection spots fires in milliseconds • ABC dry chemical to suppress fire • Liquid wet agent for cooling and protection against fire reflash as well as securement of horizontal surfaces	KIDDE RESPONSE Kidde Waterless Fire Suppression Systems • Fast discharge (less than 10 seconds) protects operator and vehicle • Choice of agents: FM-200® (world's preferred waterless agent); 3M™ Novec™ 1230 fire protection fluid (for clean, green applications) or FE-13™ (clean agent for cold temperature applications) • No post-fire agent cleanup required	KIDDE RESPONSE Kidde AlarmLine™ Linear Detection Systems • Detects fire and overheat conditions in dusty, vibrating and inaccessible applications • Rugged, easy to install and self restoring • Integrates with any type of Kidde fire suppression system



APPLICATION Process Control Rooms	APPLICATION Turbine Generators	APPLICATION Fueling Areas
FIRE HAZARD Electrical malfunction can lead to an undetected smoldering fire in expensive electronic components, cable trays or underflooring.	FIRE HAZARD Electrical fires in turbines of on-site power plants for mining operations.	FIRE HAZARD Potential spillage of highly flammable fuels in proximity to vehicles with hot components.
KIDDE RESPONSE Kidde Waterless Fire Suppression Systems • Fast discharge (less than 10 seconds) catches fire in initial stage • FM-200 waterless agent, Novec 1230 fluid or FE-13 clean agent • No post-fire agent cleanup required	KIDDE RESPONSE Kidde Carbon Dioxide Fire Suppression Systems • Fast, reliable protection for unmanned areas • Economical performance with low cost of ownership • No post-fire agent cleanup required	KIDDE RESPONSE Kidde IND™ Fixed Dry Chemical Systems • Automatic, 24 hour application • Proven fire fighting capability Kidde Hand Portable and Wheeled Fire Extinguishers • Highly mobile for quick response • Maximum fire-killing power (Purple K dry chemical) • Ease of use in a variety of sizes

The Kidde WolfPack. Your link to Kidde mining fire protection.

The Kidde WolfPack is a network of fire protection professionals who serve the mining industry. Backed by Kidde's worldwide resources, your local Kidde WolfPack professional provides a complete range of cost-effective solutions to all your mining fire protection challenges.

Fire Protection Surveys. Whether it involves a shovel, an ore hauler, a conveyor system or an electric control room, your Kidde WolfPack professional analyzes the fire hazard potential and recommends the best way to protect your people and equipment for the least expense.

Single-Source Supply. As the direct link to Kidde's entire range of fire detection, alarm, control and suppression systems, your Kidde WolfPack professional offers the right combination of Kidde fire protection solutions to meet your needs.

Expert Installation. Your Kidde WolfPack professional is trained to install Kidde systems in accordance with established standards, on-time, on-site and with a minimum amount of disruption to your mining operations.

Responsive Service. From training your people and recharging your Kidde systems to 24/7 emergency service, your Kidde WolfPack professional has the talent, tools, genuine Kidde parts and commitment to protect your Kidde investment.

To locate your local Kidde WolfPack representative, visit
www.kiddefiresystems.com/wolfpackindex.shtml



Your Kidde WolfPack Professional is:



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For specification information on the entire range of Kidde fire protection systems for the mining industry, call toll-free or e-mail Kidde Fire Systems for a free copy of the **Kidde PROTECT-SPEC Specifications CD.**

