



www.kiddefiresystems.com



## KIDDE® SENTINEL™ MINING

From the smallest loader to the largest draglines and excavators, you can depend on Kidde Fire Systems—driving dependable technology since 1917.



**Protect your operations from downtime and your critical assets from fire damage—install a Kidde Sentinel Vehicle system today.**

We understand the rigors of your modern mining operation, whether you are working underground or above-ground; drilling, digging, hauling or processing the threat of fire is ever present.

With a long legacy of providing the best available fire protection, many have come to depend on the high quality engineering and uncompromising performance of our vehicle systems. The Kidde Sentinel system is an integrated solution that includes state of the art detection, control and notification coupled with multiple suppression agent options according to your specific need.

- AquaGreen™ XT environmentally friendly wet agent
- Engineered for extreme environments
- Dual agent systems combine wet and dry chemical agents for ultimate protection
- Scalable, fully-featured control and detection system
- Best-in-class infrared detection technology

Our standard solution combines our new Sentinel SA1 control unit with either multipurpose dry chemical or new AquaGreen XT wet agent suppression. The SA1 can utilize any of our detection technologies including LHS (Linear Heat Sensing) cable, Detect-A-Fire® rate of rise compensated heat detectors or IR-1A infrared detectors.

- Sentinel control units are housed in ruggedized aluminum enclosures that are IP 66/NEMA 4 rated
- AquaGreen XT—the first FM approved primary fire fighting wet agent—superior cooling makes the suppression agent highly effective over a wide range of temperatures
- Stored pressure and electric actuation circuits for redundant actuation

For more complex installations and more challenging hazards the Sentinel NET control system provides the operator with up to two interface units that provide real-time status information via high quality 2-line display. Each control unit can control two detection zones and two suppression releases and up to six control units can be networked on a single system!

- Sentinel Net can be programmed with or without a laptop computer
- The system program and event log is stored on every controller on the network
- Brightness of display can be adjusted in seconds to suit conditions



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