



Envirotech Sentinel[®]™ IRON & STEEL MILLS

Processes and personnel operating in extreme temperatures rely on Envirotech Fire Systems—driving dependable fire protection technology since 1917.

Few environments are as unforgiving as those found in the iron and steel industry. Extreme temperatures necessary to process iron ore and other ferroalloys wreak havoc on machines and personnel; and make fire fighting an inevitable part of normal operations.

Wheel loaders, slag pot carriers and other heavy vehicles are essential parts of the process and are in direct contact with molten slag with temperatures in excess of 2000° F (1093° C).

Envirotech understands these challenges and the Envirotech Sentinel System provides an integrated package of fire detection and suppression that is specifically designed to protect the people and machines that operate in this environment:

- FM Approved for vehicle protection
- Class A (combustible materials) or Class B (flammable liquids) fire protection
- Functionality available at temperatures ranging from -65F (-54C) to 200F (93C)
- Rugged products successfully completing 5000 x 10G shock test and 12-hr @ 60 Hz vibration test per UL1254 standard
- IP66/NEMA 4 rated panels and components. Pre-terminated cables for ease of installation and mistake-proofing

A Sentinel vehicle system provides the following features:

- Aquagreen™ XT environmentally friendly (non-toxic) wet agent
- Monoammonium phosphate (ABC) dry chemical agent
- Dual marked DOT/TC approved welded stored pressure suppression cylinders
- Automatic and/or manual actuation configurations available
- Capable of both electrical and/or pressure cylinder actuation
- Stand alone (no vehicle power required) control panel (SA1)
- Programmable discharge delay with override (reset) capability



Protect your operations from downtime and your critical assets from fire damage — install an Envirotech Sentinel Vehicle system today.