



Envirotech Sentinel[®]™ Oil Sands

Equipment and personnel operating in severe environments, extreme temperatures with rigorous production cycles depend on Envirotech Fire Systems—driving dependable technology since 1917.

The severe environment of Northern Alberta challenges vehicles, machines and personnel with extreme temperatures and a constant onslaught of contamination. The machines and processes themselves add the challenges of shock, vibration and thermal cycling through the rigors of the 24/7 production cycle, resulting in the need for some the toughest equipment in use in the world.

With fire continually threatening, a robust and dependable system is needed—a system designed by a team that was unwilling to compromise that understands that you often only get one chance to preserve life, prevent damage and keep the operation running.

The Envirotech 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:

- 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 can provide 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
- Sentinel NET: scalable for complex installations and challenging hazards



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