

Manitoba Operations

STANDARD PROCEDURE INSTRUCTION

Title		SPI 34-43
(General) Surface Fire Procedure		
Department	Supersedes SPI Dated	Effective Date
Safety, Health & Environment		September 28, 2010

Context

Currently the procedure on how to address a surface fire is not clearly understood. Vale has a document called Surface Fire Protection Procedure that states (see appendix) “in the event of a fire the following procedure must be taken immediately.”

This document leaves some grey areas that must be addressed so that people understand what size of fire they should/can attempt to extinguish.

This places employees at a level of unnecessary risk attempting to extinguish a fire on Surface.

1. PURPOSE

- 1.1 To provide guidance to all employees upon discovery of a Surface fire on Vale property.

2. SCOPE

- 2.1 All surface plants and buildings.

3. PROCEDURE

- If the fire is small and can be extinguished, the person discovering it should extinguish it himself/herself or with the help from others; however the following precautions should be observed:

3.1 General:

All fires should be reported immediately to your supervisor or a control centre operator, then to the Substation Operator.

Manitoba Operations

STANDARD PROCEDURE INSTRUCTION

Title		SPI 34-43
(General) Surface Fire Procedure		
Department	Supersedes SPI Dated	Effective Date
Safety, Health & Environment		September 28, 2010

Fighting the fire – Utilize your knowledge of the material or equipment burning along with your fire extinguisher training, **If you are going to use a fire hose to extinguish the fire, sound the general alarm by calling 2250.**

3.2 Use the 5 questions of SLAM:

- How can I be injured? (**Burns, smoke inhalation, chemical inhalation**)
- How can others be injured? (**Smoke inhalation, chemical inhalation**)
- How can equipment be damaged? (**Heat, flames**)
- What is the most safe, productive and Quality way? (**call for help 2250, fire extinguisher trained, safe escape route**)
- What information do I need? (**what is burning, surroundings, location**)

3.3 Fighting a fire on Surface:

- How big is the fire (**small, medium, large**)
- What is burning (**Fuel, rubber, chemicals, etc**)
- Make sure that wind or ventilation is at your back
- Make sure you have the correct fire extinguishing method for the fire
- If the fire can not be extinguished with one fire extinguisher, retreat, get help and reassess.

3.4 Sizes of fires:

Small

Garbage can fires: This is the size of a fire you should be able to extinguish with a fire extinguisher. The contents may have to be spread out to extinguish properly. If this is the case, then you will need to make sure the area is safe to do so. (No other combustibles in the area)

Medium



Manitoba Operations

STANDARD PROCEDURE INSTRUCTION

Title		SPI 34-43
(General) Surface Fire Procedure		
Department	Supersedes SPI Dated	Effective Date
Safety, Health & Environment		September 28, 2010

Dumpster fires: These are **too large** for a fire extinguisher to put out. **Call the Utilities Substation Operator 2250 and your Supervisor.**

Large

Wall fires: These are usually **too much** for a fire extinguisher to handle completely due to the penetration of the fire into the walls. The contents of the wall can lead to the fire travelling the length of the wall. **Call the Utilities Substation Operator 2250 and your Supervisor.**

1. Cautions

Any potential user of a fire extinguisher should be familiar with its operation, location and the classes it is designated for. If upon discovering the fire to be out of control, all persons should evacuate the affected space.

Approved By	Title
	President, Manitoba Operations
Date	



Surface Fire Protection Procedure

In the event of a Fire

The Following Procedure Must Be Taken Immediately

Attack the fire first only if it is small and can be extinguished with the equipment readily available.

* **Think!** Is this the right type of extinguisher to use on this fire?

* **Do Not** Use water type extinguishers or water hose lines for electrical or liquid fires!

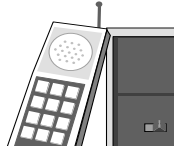


If the fire cannot be extinguished:

- Sound the Alarm
- Call For Help

If the fire can't be extinguished with the equipment available (**as outlined in the Surface Fire Procedure**) call the **Utilities Substation Operator @ 778-2250** with the following information:

- Your name and location
- Location and type of fire
- Nature and extent of the fire



2250

ALL FIRES ARE TO BE REPORTED THROUGH THE INCIDENT REPORTING SYSTEM.