



# Saskatchewan Health Authority

## Policy

Saskatoon & Area - Occupational Health & Safety

**Number:** 55-008

**Title:** Other Hazards: Fire and Explosion

**Saskatchewan Employment Act:**

**OHS Regulation:** 25-2 to 25-11

**Date:** January 1, 2017

**Date Revised/Reaffirmed:** December 2, 2021

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### Purpose

To ensure that workers at all levels understand their roles and responsibilities as it relates to the fire safety plan and the prevention of fire and explosions

### Roles and Responsibilities

Employer must ensure:

- They take all reasonable steps to prevent the outbreak of a fire at all workplaces and all precautions to protect workers in the event of a fire
- They develop and implement a written fire safety plan that protects all workers in the event of fire
- That portable fire extinguishers are selected, inspected, located, maintained and tested
- That no worker enters an area that has an explosive substance in the atmosphere that is more than 20% of the lower explosive limit
- There is a designated person to carry out the fire safety plan
- Designated workers are trained in their responsibilities for fire safety

Manager/Supervisor must ensure:

- That roles and responsibilities of all workers are being met, as well as applicable legislation and/or standards
- Safe work procedures are written and followed
- That portable fire extinguishers are placed no more than 9 meters from industrial open flame or where welding or cutting tasks are taking place
- Where garbage may be a fire hazard, that a suitable fire-resistant covered garbage can is required
- That proper procedures are in place for all flammable substances that will be handled, used, stored or disposed of
- That all workers who handle, use, store or dispose of flammable substances have received training to safely do so
- All materials contaminated by flammable liquids are placed in a non-combustible with a close-fitting metal cover and are labelled flammable and located at least 1 meter from other flammable liquids
- There is adequate ventilation to prevent the buildup of explosive vapours and dusts
- That procedures are in place to prevent ignition of flammable liquids, gases, vapours and/or explosive dusts
- All sources or potential sources of ignition are eliminated or controlled where explosive atmosphere exists or possibly could exist
- No vehicle is serviced or maintained while it contains a flammable liquid, gas or explosive substance, other than fuel is in the vehicle's fuel tank

- No vehicle is services or maintained while loading or unloading a flammable liquid, gas or explosive substance

Worker must ensure:

- They are trained in and follow the safe work procedures
- They are trained in and use any PPE required (selection, use, care and handling)
- They report to their supervisor and the Safety Alert System/Incident Report Line any incidents or near misses involving fire and/or explosion
- They place any materials contaminated by flammable liquids or garbage that may a fire hazard in proper container
- They never use gasoline to start a fire or as for cleaning
- They never replace or refill a tank on a heating device while the device is in operation or hot enough to ignite the liquid
- They electrically bond containers together while transferring flammable liquids from one container to another

#### **Orientation & Training**

- Specialized training in the handling, use, storage and storage of flammable materials
- Training in the selection, use, care and handling of all required PPE

#### **Materials**

- Appropriate PPE if required
- Copies of all policies and procedures related to the fire plan

#### **Non-Compliance/Breach:**

Non-compliance with this policy will result in a review of the incident. A review for non-compliance may result in disciplinary action, up to and including termination of employment or privileges; fines and /or prosecution of individuals under the Saskatchewan Employment Act and OHS Regulations.

Review Dates:

January 1, 2017

May 28, 2018

December 2, 2021