



Policy

Saskatoon & Area - Occupational Health & Safety

Number: 55-008

Title: Other Hazards: Fire and Explosion

Saskatchewan Employment Act:

OHS Regulation: 360-369

Date: January 1, 2017

Date Revised/Reaffirmed: May 28, 2018

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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