



**CITY OF BLAINE  
SAFETY SERVICES  
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## **FUMIGATION OPERATIONS**

Fumigation and thermal insecticidal fogging operations within structures shall comply with Chapter 17 of the Minnesota State Fire Code.

### **Permits:**

An operational permit is required to operate a business of fumigation or thermal insecticidal fogging and to maintain a room, vault or chamber in which a toxic or flammable fumigant is used.

### **Fire Safety Requirements:**

Sources of ignition such as fires, open flames shall be eliminated from areas undergoing fumigation or thermal insecticidal fogging. Heating where needed shall be of an approved type.

Electricity supplying areas undergoing fumigation operations shall be shut off.

*(Exception: Circulating fans that have specifically designed for use in hazardous atmospheres and installed in accordance with the ICC Electrical Code.)*

The City of Blaine Fire Marshal shall be notified in writing at least 24 hours before a structure is to be closed in connection with the utilization of any toxic or flammable fumigant. The notification shall include the following information:

- The location of the enclosed space to be fumigated or fogged.
- The occupancy of the location.
- A list of the fumigants or insecticides to be used during the operation.
- The person(s) responsible for the operation.
- The date and time at which the operation will begin.

Additionally, a notice of any fumigation or thermal insecticidal fogging shall be served with sufficient advanced notice to the occupants of the enclosed space involved to enable them to evacuate the premises.

The entrances and doors to structures and areas to be fumigated shall be posted with approved warning signs indicating the danger, type of chemical to be used and necessary precautions to be taken in these areas. The warning signs shall be printed in red ink on a white background and shall have at least 2-inch letters. The warning signs shall state the following:

- The date and time of the operation.
- The name and address of the person.
- The name of the operator in charge.
- A warning that the premises shall be vacated at least 1-hour before the operation begins, and shall not be reentered until the danger signs have been removed by the proper authorities.

Persons involved in fumigation activities shall maintain and have available approved protective breathing apparatus.

Sufficient watch personnel shall remain on duty at the entrance(s) to fumigation areas to ensure that no unauthorized persons enter a danger area until the hazardous environment has been ventilated and is safe for occupancy.

Buildings and areas to be fumigated shall be sealed only with an approved flame resistant wrap.

Once the fumigation operation is completed the operators shall safely and properly ventilate the premises and contents and shall properly dispose of the fumigant containers, residues, debris and other materials used for the fumigation operation. The operators shall also ensure that they clear the obstructions from gas-fired appliance vents.

### **Restrictions:**

The use of thermal insecticidal fogging liquids with a flash point below 100 degrees Fahrenheit shall be prohibited. The use of carbon disulfide and hydrogen cyanide shall be restricted to agricultural fumigation only.