

**To Be Rescinded****1301:7-7-14 Fumigation and thermal insecticidal fogging.****(A) Section FM-1401.0 General**

(1) FM-1401.1 Scope: Fumigation and thermal insecticidal fogging operations shall comply with this rule.

(2) F-1401.2 Approval required: A person shall not perform any fumigation or thermal insecticidal fogging without securing approval from the code official.

**(B) Section FM-1402.0 Definitions**

FM-1402.1 General: The following words and terms shall, for the purposes of this rule and as stated elsewhere in this code, have the meanings shown herein.

**Fumigant:** A substance which by itself or in combination with any other substance emits or liberates a gas, fume or vapor utilized for the destruction or control of insects, fungi, vermin, germs, rats or other pests, and shall be distinguished from insecticides and disinfectants which are essentially effective in the solid or liquid phases. Examples are methyl bromide, ethylene dibromide, hydrogen cyanide, carbon disulphide and sulfuryl fluoride.

**Fumigation:** The utilization within an enclosed space of a fumigant in concentrations which are hazardous or acutely toxic to humans.

**Thermal insecticidal fogging:** The utilization of insecticidal liquids passed through thermal fog-generating units where, by means of heat, pressure and turbulence, such liquids are transformed and discharged in the form of fog or mist blown into an area to be treated.

**(C) Section FM-1403.0 Fire safety requirements**

(1) FM-1403.1 General: Any structure where fumigation and thermal insecticidal fogging operations are conducted shall comply with the fire protection and safety requirements of paragraphs (C)(2)(F-1403.2) through (C)(4)(F-1403.4) of this rule.

(2) F-1403.2 Sources of ignition: All fires, open flames and similar sources of ignition shall be eliminated from the space under fumigation or thermal insecticidal fogging.

FM-1403.2.1 Electricity: All electricity shall be shut off.

**Exception:** Circulating fans that have been specifically designed for utilization in hazardous atmospheres and installed in accordance with NFPA 70 listed in rule 1301:7-7-44 of the Administrative Code.

(3) F-1403.3 Notification: The code official shall be notified in writing at least 24 hours before the structure is to be closed in connection with the utilization of any toxic or flammable fumigant. Such

notification shall give the location of the enclosed space to be fumigated or fogged, the occupancy, the fumigants or insecticides to be utilized, the person or persons responsible for the operation and the date and time at which the operation will begin. Notice of any fumigation or thermal insecticidal fogging shall be served with sufficient advance notice to the occupants of the enclosed space involved to enable the occupants to evacuate the premises.

(a) F-1403.3.1 Warning signs: Suitable warning signs indicating the danger, type of chemical involved and necessary precautions shall be posted on all doors and entrances to the premises, and upon all gangplanks and ladders from the deck, pier or land to the ship. Such notice NOTICES shall be printed in red ink on a white background. Letters in the headlines shall be at least 2 inches (51 mm) in height and shall state the date and time of the operation, the name and address of the person, the name of the operator in charge, and a warning stating that the occupied premises shall be vacated at least 1 hour before the operation begins and shall not be re-entered REENTERED until the danger signs have been removed by the proper authorities.

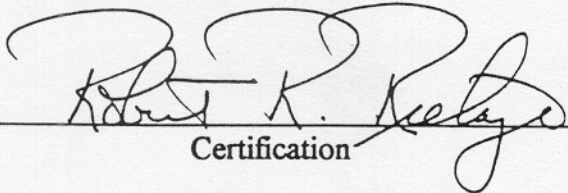
(b) F-1403.3.2 Breathing apparatus: All persons engaged in the business of fumigation or thermal insecticidal fogging shall maintain and have available approved protective breathing apparatus.

(c) F-1403.3.3 Watchman: During the period fumigation is in progress, except when fumigation is conducted in a gas-tight vault or tank, a capable, alert watchman shall remain on duty at the entrance or entrances to the enclosed fumigated space until after the fumigation is completed and the premises properly ventilated and safe for occupancy. Sufficient watchmen shall be provided to prevent any person from entering the enclosed space under fumigation without being observed.

(4) F-1403.4 Thermal insecticidal fogging liquids: Thermal insecticidal fogging liquids with a flash point below 100 degrees F. (38 degrees C.) shall not be utilized.

1301:7-7-14

Effective: January 3, 2000

  
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Certification

November 17, 1999  
Date

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Rule amplifies:	R.C. Section 3737.22
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Certification

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Date

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