1301:7-7-1703.2.6 Fumigation and thermal-insecticidal fogging.

(A) Section 1701 General

(1) 1701.12601 Scope. Fumigation and thermal-insecticidal fogging operations within buildings, structures and spaces shall comply with this rule.

(2) 1701.22601.2 Permits. Permits shall be required as set forth in rule 1301:7-7-01 of the Administrative Code.

(B) Section 17022602 Definitions

(1) 1702.12602.1 Definitions. The following words and terms shall, for the purposes of this rule and as used elsewhere in this code, have the meanings shown herein as defined in rule 1301:7-7-02 of the Administrative Code.

"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 disulfide and sulfuryl fluoride.

"Fumigation." The utilization within an enclosed space of a fumigant in concentrations that 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 1703.2603 Fire safety requirements

(1) 1703.12603.1 General. Buildings, structures and spaces in which fumigation and thermal-insecticidal fogging operations are conducted shall comply with the fire protection and safety requirements of paragraphs (C)(2)(1703.22603.2) to (C)(7)(1703.22603.7) of this rule.

(2) 1703.22603.2 Sources of ignition. Fires, open flames and similar sources of ignition shall be eliminated from the space under fumigation or thermal-insecticidal fogging. Heating, where needed, shall be of an approved type.

(a) 1703.2.12603.2.1 Electricity. Electricity shall be shut off in any part of the building, structure or space where operation of switches or electrical devices, equipment or systems could serve as a source of ignition shall be shut off.

Exception: Circulating fans that have been specifically designed for utilization in hazardous atmospheres and installed in accordance with NFPA 70 as listed in rule 1301:7-7-471301:7-7-80 of the Administrative Code.

(b) 2603.2.2 Electronic devices. Electronic devices, including portable equipment and cellular phones, shall be shut off. Telephone lines shall be disconnected from telephones.

(c) 2603.2.3 Duration. Sources of ignition shall be shut off during the fumigation activity and remain shut off until the ventilation required in paragraph (C)(6)(2603.6) of this rule is completed.

(3) 1703.32603.3 Notification. The fire code official and fire chief shall be notified in writing at least 2448 hours before the building, structure or space is to be closed in connection with the utilization of any toxic or flammable fumigant. Notification shall give the location of the enclosed space to be fumigated or fogged, the occupancy, the fumigants or insecticides to be utilized, the pertinent information about the enclosed space and those persons responsible for the operation, and the date and time at which the operation will begin. Written notice of any fumigation or thermal-insecticidal fogging shall be served on all affected occupants of the building, structure or space in which such operations are to be conducted with sufficient advance notice to allow the occupants of the enclosed space to evacuate the premises, building, structure or space. Such notice shall inform the occupants as to the purposes, anticipated duration and hazards associated with the fumigation or insecticidal fogging operation.

(a) 1703.3.1 2603.3.1 Warning signs. Approved warning signs indicating the danger, type of chemical involved and necessary precautions shall be posted on all doors and entrances to the premises, affected building, structure or space and upon all gangplanks and ladders from the deck, pier or land to the ship. Such notices shall be printed in red ink on a white background. Letters in the headlines shall be at least not less than 2 inches (51 mm) in height and shall state the date and time of the operation, the name and

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