

To be inserted between pages 28 & 29.

Comm 64.0401 Ventilation. (1) VENTILATION REQUIRED. This is department exception to the requirements of section IMC 401.2: Outdoor air ventilation by natural means or mechanical shall be permitted to be omitted in large volume spaces containing 5,000 or more cubic feet per occupant.

(2) WHEN REQUIRED. Substitute the following wording for the requirements of section IMC 401.3:

(a) Except as provided in par. (b), ventilation shall be provided during the periods that the room or space is occupied.

(b) Mechanical exhaust ventilation shall be provided for natatoriums even when the space or building is not occupied.

Comm 64.0401 Ventilation. (4) INTAKE OPENINGS. (a) This is a department rule in addition to the requirements in IMC section 401.4.1: The lowest side of outside air intake required openings shall be located at least 12 inches vertically from the adjoining grade level, above adjoining roof surfaces, or above the bottom of an areaway.

(a) Substitute the following wording for the requirements in IMC section 401.5.1:

(b) These are department exceptions in addition to the requirements in IMC section 401.4.1 and par. (a):

1. The setback distances as specified in IMC section 401.4.1 shall not apply to the combustion air intake of a direct vent appliance.
2. Where it can be demonstrated that an engineered system design will prevent the maximum concentration of contaminants brought in through the outside air intake from exceeding the maximum contaminant concentration obtainable by providing the separation distances in accordance with IMC section 401.4.1 and par. (a), the outdoor air intakes may be located in accordance with such engineered system design.

Note: See ch. Comm 82 for plumbing vent setbacks. That rule requires plumbing vents to be 10 feet from air intakes and 10 feet horizontally from or 2 feet above roof scuttles, doors or openable windows.

Note: See NFPA standard 45, Fire Protection for Laboratories Using Chemicals, adopted under s. Comm 62.3500, for chemical fume hood exhaust location. Health care and related facilities may have additional requirements.

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Comm 64.0401 Ventilation. (5) EXHAUST OPENINGS. These are department rules in addition to the requirements in IMC section 401.4.2:

(a) *Gravity ventilation ducts.* Gravity ventilation ducts shall extend not less than 2 feet above the highest portion of the building within a 10-foot radius of the duct and shall be provided with a siphon roof ventilator.

(b) *Barometric relief vents.* Where barometric relief vents are installed on the roof, the discharge openings shall be no less than 2 feet above the roof surface where the vent pierces the roof.

(6) CONTAMINANT SOURCES. Substitute the following wording for the requirements in IMC section 401.6: Stationary local sources producing air-borne particulates, heat, odors, fumes, spray, vapors, smoke or gases in such quantities as to be injurious to health shall be provided with an exhaust system in accordance with IMC chapter 5 or a means of collection and removal of the contaminants. Such exhaust shall discharge directly to an approved location at the exterior of the building.

Comm 64.0402 Natural ventilation. This is a department rule in addition to the requirements in IMC section 402: The use of natural ventilation shall be permitted as specified in Table 64.0403.