

641—61.2(105) Adoption by reference. The provisions of the International Mechanical Code, 2018 edition, published by the International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478, are hereby adopted by reference as the requirements for the design, installation, maintenance, alteration, and inspection of mechanical systems that are permanently installed and utilized to provide control of environmental conditions and related processes within buildings, with the following amendments:

61.2(1) Delete section 101.1.

61.2(2) In section 101.2, delete the phrase “International Fuel Gas Code” and insert in lieu thereof “NFPA 54, National Fuel Gas Code, 2015 edition; NFPA 58, Liquefied Petroleum Gas Code, 2014 edition; the provisions of 661—Chapter 226; and the state plumbing code.”

61.2(3) Delete section 103 and insert in lieu thereof the following new section 103.1:

103.1 Local authority. Local jurisdictions may administer the permit, inspection, testing, and enforcement provisions contained in this code. Permit, inspection, testing, and enforcement provisions contained in this code shall not be administered by the Plumbing and Mechanical Systems Board or the state.

61.2(4) Amend section 304.11 by deleting the last sentence and inserting in lieu thereof the following new exception:

Exception: Guards are not required where permanent fall arrest/restraint anchorage connector devices that comply with ANSI/ASSE Z 359.1 are affixed for use during the entire lifetime of the roof covering. The devices shall be evaluated for possible replacement when the entire roof covering is replaced. The devices shall be placed not more than 10 feet (3048 mm) on center along hip and ridge lines and placed not less than 10 feet (3048 mm) from roof edges and the open sides of walking surfaces.

61.2(5) Delete section 306.2 and insert in lieu thereof the following new section:

306.2 Appliances in rooms and closets. Rooms and closets containing appliances shall be provided with a door and an unobstructed passageway measuring not less than 36 inches wide and 80 inches high. A level service space not less than 30 inches deep and 30 inches wide shall be present at the front service side of the appliance with the door open.

61.2(6) Delete section 401.1 and insert in lieu thereof the following new section:

401.1 Scope. This chapter shall govern the ventilation of spaces within a building intended to be occupied. These buildings shall meet either the requirements of ASHRAE Standard 62.1, “Ventilation for Acceptable Indoor Air Quality,” 2016 edition, published by the American Society of Heating, Refrigeration, and Air-Conditioning Engineers, 1791 Tullie Circle N.E., Atlanta, GA 30329, or the requirements contained in this chapter. Mechanical exhaust systems, including exhaust systems serving clothes dryers and cooking appliances; hazardous exhaust systems; dust, stock, and refuse conveyor systems; subslab soil exhaust systems; smoke control systems; energy recovery ventilation systems; and other systems specified in Section 502 shall comply with Chapter 5.

61.2(7) Add the following footnote “i” related to the gym, stadium, arena (play area) category of the sports and amusement occupancy classification in Table 403.3.1.1, Minimum Ventilation Rates:

i. When combustion equipment is intended to be used on the playing surface, additional dilution ventilation and/or source control shall be provided.

61.2(8) Add the following footnote “j” to Table 403.3.1.1 anywhere the term “smoking lounges” appears:

j. For ventilation purposes, “smoking” includes both combustible tobacco products and accessories and electronic smoking devices and accessories.

61.2(9) Delete section 504.8.2 and insert in lieu thereof the following new section:

504.8.2 Duct installation. Exhaust ducts shall be supported at 4-foot (1219 mm) intervals and secured in place. The insert end of the duct shall extend into the adjoining duct or fitting in the direction of airflow. Ducts shall not be joined by screws or similar fasteners that protrude into the inside of the duct.

61.2(10) Delete subsection 506.3.13.3 and insert in lieu thereof the following new subsection:

506.3.13.3 Termination location. Exhaust outlets shall be located not less than 10 feet (3048 mm) horizontally from parts of the same or contiguous buildings, adjacent buildings and adjacent property

lines and shall be located not less than 10 feet (3048 mm) above the adjoining grade level. Exhaust outlets shall be located not less than 20 feet horizontally/vertically from or not less than 5 feet above air intake openings and operable doors and windows into any building.

61.2(11) Delete section 508.1.1 and insert in lieu thereof the following new section:

508.1.1 Makeup air temperature. All kitchen makeup air systems shall be verified by a certified TAB (testing and balance) contractor to heat makeup air to within 10 degrees of room temperature set point. The TAB contractor shall be certified by NEBB, TABB, or other certifying organization as approved by the Authority Having Jurisdiction.

61.2(12) Amend section 601.5 by adopting new paragraph “9” as follows:

9. Return air openings shall be located at least 18 inches from supply air openings. Air throw shall be directed away from return air openings to reduce short cycling of air. Exception: Factory-made concentric duct terminations.

61.2(13) Delete section 604.3 and insert in lieu thereof the following new section:

604.3 Coverings and linings. Coverings and linings, including adhesives where used, shall have a flame spread index of not more than 25 and a smoke-development index of not more than 50, when tested in accordance with ASTM E84 or UL 723, using the specimen preparation and mounting procedures of ASTM E2231. Duct coverings and linings shall not flame, glow, smolder or smoke when tested in accordance with ASTM C411 at the temperature to which they are exposed in service. The testing temperature shall not fall below 250°F (121°C). Coverings and linings shall be listed and labeled. The use of an air gap to meet R-value requirements for duct insulation shall be prohibited.

61.2(14) Delete appendix B.

61.2(15) Delete all references to the “International Plumbing Code” and insert in lieu thereof “state plumbing code.”

[ARC 1494C, IAB 6/11/14, effective 7/16/14; ARC 2473C, IAB 3/30/16, effective 6/1/16; ARC 4613C, IAB 8/14/19, effective 9/18/19]