641—61.3(105) Amendments to International Mechanical Code. The International Mechanical Code (IMC), as adopted by reference in rule 641—61.2(105), is amended as follows:

61.3(1) In Section 101.2, delete the phrase "International Fuel Gas Code" and insert in lieu thereof "NFPA 54, National Fuel Gas Code, current edition; NFPA 58, Liquefied Petroleum Gas Code, current edition; the provisions of 661—Chapter 226; and the state plumbing code".

61.3(2) Amend Section 102 by adopting new Section 102.12 as follows:

102.12 Local authority.

(a) Local jurisdictions may administer the permit, inspection, testing, and enforcement provisions contained in the state mechanical code adopted and amended by this chapter. Permit, inspection, testing, and enforcement provisions contained in this code are not administered by the Plumbing and Mechanical Systems Board or the state unless otherwise provided by law.

(b) Local jurisdictions may not adopt mechanical codes other than the state mechanical code adopted and amended by this chapter. Local jurisdictions may adopt additional amendments to the state mechanical code if the additional amendments are stricter than the state mechanical code as set forth in this chapter. Local jurisdictions that adopt additional amendments will provide copies of any local amendments to the board.

61.3(3) 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 and 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.

61.3(4) Amend Section 306.1 by deleting the last sentence and inserting in lieu thereof: "An unobstructed level working space at least 30 inches deep and 30 inches wide shall be provided on any side of equipment where service access is required. The authority having jurisdiction may approve service reductions prior to equipment installation, provided that the manufacturer's instructions are met."

61.3(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 and a level service space not less than 30 inches deep and 30 inches wide at the front service side of the appliance with the door open.

61.3(6) Amend Section 306.5 by:

a. Adding the following to the end of the section: "If the tenants of a multiple tenant building have, or are allowed to have, mechanical facilities on the roof or which penetrate the roof, then roof access ladders must be provided for use by all such tenants and their agents and contractors in a manner that does not require accessing space under the control of another tenant."

b. Deleting the following: "Exception: This section shall not apply to Group R-3 occupancies."

c. Adopting new Section 306.5.3 as follows:

306.5.3 Visual screening of rooftop equipment. Equipment screening shall not be installed to the rooftop unit or the curb of the rooftop unit unless specified in the mechanical equipment manufacturer's installation instructions.

61.3(7) 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, and the buildings meet either the requirements of ASHRAE Standard 62.1, "Ventilation for Acceptable Indoor Air Quality," 2019 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.

61.3(8) 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.

61.3(9) 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.

61.3(10) Delete Section 504.9.2 and insert in lieu thereof the following new section:

504.9.2 Duct installation. Exhaust ducts shall:

a. Be supported at 4-foot (1,219 mm) intervals and secured in place;

b. The insert end of the duct will extend into the adjoining duct or fitting in the direction of airflow;

c. Not be joined by screws or similar fasteners that protrude into the inside of the duct.

61.3(11) 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; not less than 10 feet (3,048 mm) above the adjoining grade level; and 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.

61.3(12) The first sentence of Section 507.3 is amended to read: "Type II hoods shall be installed above dishwashers capable of heating water beyond 140 degrees Fahrenheit and appliances that produce heat or moisture and do not produce grease or smoke as a result of the cooking process, except where the heat and moisture loads from such appliances are incorporated into the HVAC system design or into the design of a separate removal system."

61.3(13) 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 and the TAB contractor certified by NEBB, TABB, or other certifying organization as approved by the Authority Having Jurisdiction.

61.3(14) 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 and air throw directed away from return air openings to reduce short cycling of air. Exception: Factory-made concentric duct terminations.

61.3(15) Amend Section 601.5 by adopting new paragraph "10" as follows:

10. One return air opening per floor is required on a central duct return system per ACCA Manual D, Appendix 8, and return air transfer openings are required on all bedrooms when dedicated return air openings are not used.

61.3(16) Amend Section 603 by adopting new Section 603.1.1 as follows:

603.1.1 Duct location. Air plenums and ducts located in floor and wall cavities shall be separated from unconditioned space by construction with insulation to meet energy code requirements. These areas include but are not limited to exterior walls, cantilevered floors, and floors above garages.

61.3(17) Delete Section 604.3 and insert in lieu thereof the following new section:

604.3 Coverings and linings. Duct 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 and 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 250ºF (121ºC) and coverings and linings be listed and labeled. The use of an air gap to meet R-value requirements for duct insulation is prohibited.

61.3(18) Amend Subsection 607.6.2.1 by adopting new Subsections 607.6.2.1.3 and 607.6.2.1.4 as follows:

607.6.2.1.3 Access ceiling radiation dampers shall be provided with an approved means of access that is large enough to permit inspection and maintenance of the damper and its operating parts and dampers equipped with fusible links and internal operators be provided for both with either an access door that is not less than 12 inches (305 mm) square, or a removable duct section.

607.6.2.1.4 Identification ceiling radiation damper locations and access points shall be permanently identified on the exterior by a label or marking acceptable to the authority having jurisdiction.

61.3(19) Delete all references to the "International Plumbing Code" and insert in lieu thereof "state plumbing code".

[**ARC 8914C**, IAB 2/19/25, effective 3/26/25]