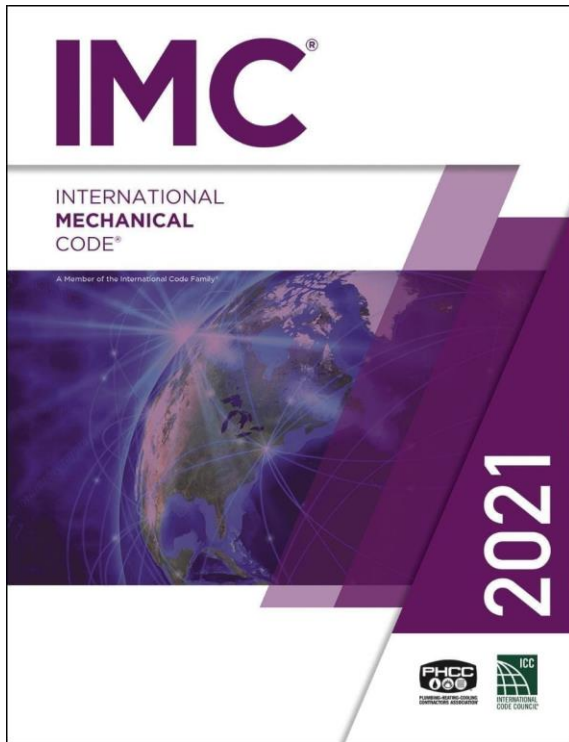


2021 INTERNATIONAL MECHANICAL CODE SIGNIFICANT CHANGES



The City of McKinney is planning to change from the 2018 to the 2021 Edition of the International Mechanical Code (IMC) January 1, 2023. The following are significant changes to the IMC and its proposed amendments. The full text of the code is available through [ICC](#), and the proposed amendments are available through the North Central Texas Council of Governments ([NCTCOG](#)).

- **307.2.1.1 – Condensate drainage**
 - **Modification:** New language clarifies where condensate discharge and drain connections are and aren't allowed. No direct connection to DWV piping allowed. Condensate may discharge into a floor drain, hub drain, mop sink, lavatory tailpiece, utility or laundry sink, or outdoors. Other than outdoor terminations, the point of condensate discharge must be within the same occupancy or dwelling unit.

- **403.3.1.3 – Demand control ventilation**
 - **Modification:** Clarifies that demand control ventilation cannot reduce mechanical ventilation to zero while a space is intended to be occupied.

- **403.3.2.1 – Outdoor air for dwelling units**
 - **Modification:** This modification grants a reduction in the required ventilation rate for high efficiency balanced ventilation systems in dwelling units.

- **502.20 – Manicure and pedicure stations**
 - **Modification:** The controls for these systems must operate continuously while the specs is occupied.

2021 INTERNATIONAL MECHANICAL CODE

SIGNIFICANT CHANGES

- **504.4.1 – Termination location for dryer exhaust**
 - **Modification:** Establishes minimum clearance between dryer duct termination and building openings: clearance per manufacturer’s specifications, or a minimum of 3 feet in any direction where not otherwise specified.

- **507.1 – Smoker ovens with integral exhaust**
 - **Modification:** Clarifies that smoker ovens with integral exhaust systems, installed per manufacturer’s specifications, are exempt from the Type I hood requirement specified elsewhere in the code.

- **607.5.5 – Subducts penetrating shaft enclosures (modification)**
 - **Modification:** Revised conditions for allowing ducts to penetrate shaft enclosures without dampers.

- **1105.9 – Machinery room means of egress**
 - **Addition:** To be consistent with the IBC, the IMC specifies that machinery rooms larger than 1000 sq. ft. shall have at least two exits. One of the exits can lead to a ladder or alternating tread device. Exit and exit access doorways shall have panic hardware and swing in the direction of travel regardless of the occupant load.

- **1107-1110 – Refrigerant piping**
 - **Addition:** The code sections on refrigerant piping were completely rewritten.