
ARTICLE V. MECHANICAL

Sec. 6-81. Adoption of the International Mechanical Code.

There is hereby adopted by the village the 2024 International Mechanical Code, as hereinafter amended (hereinafter the "Mechanical Code"). At least one copy of the International Mechanical Code has been on file in the office of the village clerk for a period of at least 30 days prior to the adoption of these provisions and now are and remain on file in the office of the village clerk, and the same are hereby adopted and incorporated as fully as if set out at length herein. The provisions of the International Mechanical Code, 2024 edition, published by the International Code Council, Inc., are hereby adopted by this reference, subject only to the additions, deletions and modifications specifically set forth in section 6-82 of this Code.

Sec. 6-82. Additions, deletions and modifications of the International Mechanical Code.

The following sections of the aforesaid International Mechanical Code, 2024 edition, are hereby amended, deleted, or modified as hereinafter set forth:

- (1) *101.1 Title.* Amend to read as follows:

101.1 Title. These regulations shall be known as the *Mechanical Code* of the Village of Northbrook hereinafter referred to as "this code."

- (2) *103.2: Appointment.* Amend to read as follows:

103.2 Appointment. The code official shall be a member of the Department of Development and Planning Services, as established by the Northbrook Municipal Code.

- (3) *105.2 Permits not required.* Amend to read as follows:

105.2 Permits not required. Permits shall not be required for the following:

1. Portable heating appliances;

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2. Portable ventilation appliances and equipment;
 3. Portable cooling units;
 4. Steam, hot water or chilled water piping within any heating or cooling equipment or appliances regulated by this Code;
 5. The replacement of any minor part that does not alter the approval of equipment or an appliance or make such equipment or appliance unsafe;
 6. Portable evaporative coolers;
 7. Self-contained refrigeration systems that contain 10 pounds (4.5 kg) or less of refrigerant, or that are actuated by motors of 1 horsepower (0.75 kW) or less; and
 8. Portable fuel cell appliances that are not connected to a fixed piping system and are not interconnected to a power grid.
 9. Any replacement furnace of the same type and general efficiency rating which utilizes only existing flues, ducts and pipes.

Exemption from the permit requirements of this Code shall not be deemed to grant authorization for work to be done in violation of the provisions of this Code or other laws or ordinances of this jurisdiction.

- (4) *Subsection 105.4.3 Expiration.* Delete this subsection in its entirety and replace it with the following:

105.4.3 Expiration and Time Extensions. Permits shall expire in accordance with the limits established in Sec. 6-6 of the Northbrook Municipal Code. Extensions may be granted for expired permits in accordance with the standards and procedures established in Sec. 6-6 of the Northbrook Municipal Code.

- (5) *Subsection 106.4.5 Suspension or Revocation of permit.* Delete this subsection in its entirety and replace it with the following:

106.4.5 Suspension, revocation or surrender. The code official is authorized to suspend or revoke a permit issued under the provisions of this Code wherever the permit is issued in error or on the basis of incorrect, inaccurate or incomplete information, or in violation of any ordinance or regulation or any of the provisions of this Code. A permit may also be voluntarily surrendered in accordance with the standards and procedures of Sec. 6-7 of the Northbrook Municipal Code.

- (6) *Subsection 106.5 Fees.* Delete this subsection and the related subsections in their entirety.

- (7) *Section 108. Violations.* Delete this section in its entirety.

- (8) *Section 109. Means of Appeals.* Delete this section in its entirety.

- (9) *Subsection 309.1 Space-heating systems.* Delete the first sentence of this subsection and replace it with new language so it reads as follows:

309.1 Space-heating systems. All interior spaces intended for human occupancy shall be provided with heating equipment capable of maintaining a room temperature of sixty-eight (68) degrees Fahrenheit in all habitable rooms, with an outside temperature of negative ten (-10) degrees Fahrenheit, fifty (50) percent relative humidity, as measured at a point three (3) feet above the floor and three (3) feet from an exterior wall. The installation of portable space heaters shall not be used to achieve compliance with this section.

Exception: Interior spaces where the primary purpose is not associated with human comfort.

- (10) *Subsection 507.7 Cleaning schedule.* Add a new subsection to read as follows:

507.7 Cleaning schedule. A cleaning schedule for every commercial kitchen exhaust system shall be kept available to the code official. The schedule shall indicate methods of cleaning and the time interval between cleanings.

- (11) *Subsection 507.8 Inspection and cleaning.* Add a new subsection to read as follows:

507.8 Inspection and cleaning. Kitchen exhaust systems shall be periodically cleaned as needed to remove deposits of residue and grease in the system. Thorough cleaning of ducts, hoods and fans shall require scraping, brushing or other positive cleaning methods.

- (12) *Subsection 602.2 Construction of plenums.* Delete the subsection in its entirety and add new language so it reads as follows:

602.2 Construction of plenums. In buildings of Type 1, 2, 3, 4 or 5 construction, all plenums shall be noncombustible and shall comply with section 603.3.

- (13) *Subsection 804.1 Direct-vent terminations.* Insert new language at the end of the subsection so it reads as follows:

804.1 Direct-vent terminations. Vent terminals for direct-vent appliances shall be installed in accordance with the manufacturer's installation instructions. When the termination of a vent system is required by this Code or the manufacturer's specifications to be above the average snow level, the anticipated snow level within the Village of Northbrook shall be 24 inches.

Secs. 6-83—6-90. Reserved.