

Sec 12-17.8 Same; Additions, Insertions, Deletions And Changes

The following sections of the 2024 International Fire Code adopted in section 12-16 are hereby revised as follows:

101.1 is amended to read:

There regulations shall be known as the Fire Code of The City of Aurora, hereinafter referred to as this code.

103.1 is amended to read:

The Division of Building and Permits under the Developments Services Department is hereby created and the official in charge thereof shall be known as the fire code official. The function of the agency shall be the implementation, administration, and enforcement of the provisions of this code.

103.2.1 is added to read:

The Fire Code Official for construction and remodeling permits shall be the Director of the Building & Permits and his designees. The Fire Code Official shall cooperate with the Fire Chief and the Fire Marshal.

103.2.2 is added to read:

The Fire Code Official for operational permits and existing structures shall be the Fire Marshal and his designees. The Fire Code Official shall cooperate with the Fire Chief and the Building Code Official.

105.5.12 is deleted.

105.5.30 LP - gas item one (1) exception is amended to read:

A permit is not required for individual containers with a 60-gallon (227 L) water capacity or less or multiple container systems having an aggregate quantity not exceeding 60 gallons (227 L)

105.5.36 Open Burning shall be changed to delete the exception.

105.5.41 Places of Assembly shall be changed as follows:

An operational permit is required to operate a place of assembly not on the level of discharge or over 300 occupants.

105.5.51 exception 3 is deleted.

105.5.57 is deleted.

105.5.58 Laboratory is added as follows:

An operational permit is required to operate any laboratory which does research, testing or experimenting.

105.5.59 Child-care is added:

An operational permit is required to operate a child-care business where 6 or more children (that do not reside permanently at the location) are cared for at any one time, and when required to be registered by the State of Illinois and/or the Department of Children and Family Services (DCFS).

112.1 is amended to read:

Means of appeal shall be in accordance with the Aurora Building Code.

112.2 is deleted.

112.3 is deleted.

112.4 is deleted.

113.3 Notice of Violation shall be changed to read as follows:

When the fire code official, Fire Marshal, Fire Chief or their designees finds a building, premises, vehicle, storage facility or outdoor area that is in violation of this code, the fire code official, Fire Marshal, Fire Chief or their designees are authorized to prepare a written notice of violation describing the conditions deemed unsafe and, when compliance is not immediate, specifying a time for re-inspection.

113.3.5 Costs of emergency repairs shall be added:

Costs incurred in the performance of emergency work shall be paid from the treasury of the jurisdiction on approval of the code official. The legal counsel of the jurisdiction shall institute appropriate action against the owner of the premises where the unsafe structure is or was located, and two hundred percent (200%) of the cost of such work may be charged against the real estate upon which the structure is or was located and shall be a lien upon such real estate.

113.4 Violation Penalties shall be changed to read as follows:

Persons who violate a provision of this code or shall fail to comply with any of the requirements there of or who shall erect, install, alter repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under the provisions of this code, shall be guilty of a Misdemeanor, punishable by a fine of not less than one-hundred dollars (\$100) and not more than one-thousand (\$1,000) dollars or by imprisonment as prescribed by

State Law, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

114.4 is amended to read:

Any Person who shall continue any work after having been served with a stop work order, except such work as the person is directed to perform to remove a violation or unsafe condition, shall be liable to a fine of not less than \$500 or more than \$1,000 per offense per day.

202 is amended to add/ modify the following:

BEDROOM. (for purposes of determining minimum code requirements) a room with a minimum of 70 square feet in floor area (excluding clothing storage floor area), which is a habitable space, that may be lawfully furnished with a bed and used for sleeping, but not including the living room, dining room or a kitchen. However, a den, a study, a loft, or any room which may lawfully be used as a bedroom shall be considered a bedroom for the purpose of determining minimum safety requirements for current or future occupants.

BOARDING HOUSE. A building arranged or used for lodging for compensation or not, with or without meals, and not occupied by a single-family unit.

CODE OFFICIAL. The Building Official shall be the Director of the Building & Permits and his designees. All City employees are hereby designees of the Building Official. The Building Official shall cooperate with the Fire Chief and the Fire Marshal.

FIRE ACCESS DOOR. Any exterior door with code compliant landing and walkway which connects to the public way and provides access to potential fire staging area. Fire Access Doors may be part of a means of egress and marked as an exit, but they do not have to be a component of egress nor marked as such. If a Fire Access Door is part of an accessible means of egress the door and its associated components must comply with accessibility standards.

FIRE CODE OFFICIAL. The Fire Code Official for construction and remodeling permits shall be the Director of the Building & Permits and his designees. All City employees are designees of the Fire Code Official. The Fire Code Official shall cooperate with the Fire Chief and the Fire Marshal. The Fire Code Official for operational permits and existing structures shall be the Fire Marshal and their designees. The Fire Code Official shall cooperate with the Fire Chief and the Building Code Official.

GUEST ROOMS. A room used or intended to be used by one or more occupants not defined as family for living (see IPMC adoption for definition of family).

LODGING HOUSE. A one-family dwelling where one or more occupants are primarily permanent in nature with guest rooms, which does not qualify as a custodial care facility.

503.1.1 exception is added to read:

If the building is equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1, the fire code official is authorized to increase the 150-foot dimension to 200 feet.

503.3.1 Fine Signage is added to read:

An additional sign acceptable to the Fire Marshal shall be added indicating "FINE \$250.00" (*Fine amount shall match the currently required accessible parking fine signage mandated by the State of Illinois).

503.3.2 Painted/Striped Designation is added to read:

The road/lane shall have the curb painted for the entire length: Or, if no curb is present the edge of the road surface shall be striped the entire length: Or lane shall be painted/striped as required by the Fire Marshal or his designee.

503.4.2 Fire Lane Penalties is added to read:

Any person parking a vehicle in a properly designated fire lane shall be punished as provided in the Code of Ordinances of the City of Aurora, Illinois Section 27-63.

506.1.1.1 Required Lock Box Locations is added to read:

1. Main entrance to the building.
2. Exterior access point to sprinkler room(s).
3. Exterior access to command center.
4. Electrical rooms.
5. At the location of other annunciators.

506.1.1.1 .1 is added to read:

Height. Key boxes shall be mounted at 5 feet above the finished floor/grade within the 5 feet of the access point unless otherwise approved by the AHJ.

507.5.1 delete all exceptions.

507.5.1.2 Hydrant Spacing is added to read:

Two (2) hydrants shall be located within a 400-foot radius of the building. All portions of the building shall be within a 400-foot radius of one or both hydrants.

507.5.1.3 Fire Department Connection Supply Hydrant is added to read:

A supply hydrant for any Fire Department Connection shall be located between 50-100 feet from the Fire Department Connection.

507.5.5 Clear space around hydrants is amended to read:

A 5-foot clear space shall be maintained around the circumference of fire hydrants except as otherwise required or approved.

507.5.7 Hydrant Marking is added to read:

In apartment, townhome, condominiums, town/row, or cluster housing "No Parking...Fire Hydrant" signs shall be placed: Or curb painting of fifteen (15) feet, (seven and one half (7 1/2 feet) each side of the fire hydrant) shall be painted by the developer, owner, or contractor.

507.5.7.1 Fine Signage is added to read:

An additional sign acceptable to the Fire Marshal shall be added indicating "FINE \$250.00" (*Fine amount shall match the currently required accessible parking fine signage mandated by the State of Illinois).

509.3 Enclosure of Fire Pumps, Fire Protection riser areas and/or Sprinkler control valve areas is added to read:

Fire pumps and fire protection riser areas shall be protected in accordance with IBC Table 509.1.

Exception: Secondary risers and auxiliary control valves need not be enclosed unless required by the code official.

509.4 Exterior Access to Enclosed Fire Pumps, Fire Protection riser areas and/or Sprinkler control valve areas is added to read:

Fire pumps, Fire protection riser areas and/or Sprinkler control valve areas shall be provided with direct exterior access, and an approved access walkway from a Fire apparatus access road to the access doorway, when required to be enclosed by 509.3.

603.10 is added to read:

Multiple Electrical Services. Buildings with multiple electrical services shall be provided with a shunt trip that simultaneously opens all electrical services including any emergency and standby power systems. Shunt trip shall be of a mushroom style push button provided with a protective cover. Button shall be identified with a sign that reads "EMERGENCY POWER SHUTDOWN SWITCH FOR FIRE DEPT USE ONLY".

903.1.2 New Building Square footage thresholds is added to read:

Except for one- and two-family dwellings, an automatic sprinkler system shall be required for all use groups where fire areas exceed 5,000 square feet. For fire areas 5,000 square feet or under, the section 903.2 use specific code text square footage thresholds shall still apply.

903.1.3 New Building Height thresholds is added to read:

Except for one- and two-family dwellings, an automatic sprinkler system shall be required for all use groups where building stories exceed two stories, and mixed-use group buildings, with one use above a different use exceeding one story. For buildings under two stories, the IBC Table 504.4 use specific code text number of story thresholds shall still apply.

903.1.4 Sprinkler systems when required for multi-tenant buildings is added to read:

Shall be provided with a tenant zoned flow switch and tampered control valve mounted at no more than 5 feet above finished floor and as accepted by the fire code official.

903.1.5 Design is added to read:

Drawings shall be reviewed and stamped by a NICET level III professional.

903.3.1.2 NFPA 13R sprinkler is amended to add the following exception:

Exception: Group R buildings of Type 3, Type 4 or Type 5 construction must be sprinklered in accordance with Section 903.3.1.1 and shall retain the sprinkler protection of Balconies and Decks in section 903.3.1.2.1.

903.3.5 Water supplies is amended to read:

Water supplies for automatic sprinkler systems shall comply with this section and the standards referenced in Section 903.3.1. The building and municipal potable water supply shall be protected against backflow in accordance with the requirements of this section and the State of Illinois Plumbing Code.

903.4.1 delete all exceptions.

903.4.3.1 Fire department connection alarms is added to read:

Exterior notification appliances with red lens strobe activated on water flow shall be placed above the Fire Department Connection at no less than 8 feet above grade.

905.4 item six is amended to read:

6. At fire access doors where the most remote portion of a nonsprinklered floor or story is more than 150 feet from a hose connection or the most remote portion of a sprinklered floor or story is more than 200 feet from a hose connection.

905.4 item 7 is added to read:

7. Where the most remote portion of a nonsprinklered floor or story is more than 150 feet (45 720 mm) from a hose connection or the most remote portion of a sprinklered floor or story is more than 200 feet (60 960 mm) from a hose connection.

905.9 delete exception 2.

907.1.1 is amended to read:

Construction documents for fire alarm systems shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail this it will conform to the provisions of this code, the international fire code; and relevant laws, ordinances, rules and regulations as determined by the fire code official. Shop drawings shall be reviewed and stamped by a NICET level III or higher, or professional engineer.

907.1.3.1 is added to read:

Where a protected/rated sprinkler riser room exists the fire alarm control panel shall be located within unless approved by the fire code official.

907.1.4 Additional alarm requirements for sprinklered occupancies is added to read:

In addition to items required by section 907 the following appurtenances will also be required in the uses/occupancies when the occupancy is required to be sprinklered.

907.1.4.1 is added to read:

In single tenant occupancies alarm annunciators shall be located at the main entrance.

907.2.9.1 items 1 and 3 are amended to read:

1. Any dwelling unit or sleeping unit is located one or more stories above the lowest level of exit discharge.

3. The building contains more than 12 dwelling units or sleeping units.

907.2.9.1 Exceptions 1 & 3 are deleted.

907.2.9.3 exception is deleted.

907.3.1 delete exception 1.

907.3.1.1 Duct Smoke Detection is added to read:

The detectors remote indicator LED/station shall be installed in the finished space on the nearest wall to the unit and no more than five feet from the floor, in the same location as the FACP or, in an alternate conspicuous location acceptable to the Fire Code Official.

907.4.2.4 is deleted.

907.6.3 delete all exceptions

907.6.6.2 Point Identification and Zone Identification is added to read:

Alarm transmissions shall report point identification or zone identification to the remote supervising station.

912.1.1 F.D.C. is added to read:

Fire Department Connections shall be a 4" Storz connection shall be visible from the street of address and as close to the riser room as possible mounted not higher than 42 inches. A 30-degree elbow to grade shall be provided for mounting heights between 36-42 inches.

912.6 Backflow Protection. Shall be changed as follows:

The building and municipal potable water supply shall be protected against backflow in accordance with the requirements of this section, the State of Illinois Plumbing Code, or the AHJ.

913.4 Valve supervision. Shall be changed as follows:

Methods 2 through 4 are deleted.

1008.3 item 3.5 is amended to read:

Common areas of multi-user toilet and bathing rooms in public restrooms.

5601.1.3 Fireworks is amended to read:

It shall be unlawful to sell, offer for sale, give, store, use, possess, explode, fire, ignite or discharge any fireworks or other pyrotechnics within the corporate boundaries of the city. No public exhibition of fireworks shall be made or given unless the exhibition of the same is previously approved, by the fire marshal, upon written application, and the exhibition is supervised by the fire marshal, the fire chief, or one of their designees.

5601.3.1 Storage of Explosives and Blasting Agents is added to read:

The area limits in which storage of explosives and blasting agents is prohibited are established as follows: The entire area of the city except that portion classified as M-2 manufacturing district under the city zoning ordinance, being Ordinance No.

3100 as amended from time to time; And then only when permitted by the Zoning Administrator and Fire Marshal.

5606.5.1.4 Small arms ammunition is added to read:

Shall be located in a locked display cabinet and/or locked storage area.

5704.2.9 Above-ground tanks is amended to read:

Above-ground storage of *flammable* and *combustible liquids* in tanks shall comply with Section 5704.2 and Sections 5704.2.9.1 through 5704.2.9.7.9. The area limits in which storage of flammable and combustible liquids in outside above-ground tanks is prohibited throughout the entire area of the city except by special application to and approval by the fire marshal; and then only when permitted by the Zoning Administrator.

5706.4 Bulk plants or terminals is amended to read:

Portions of properties where *flammable* and *combustible liquids* are received by tank vessels, pipelines, tank cars or tank vehicles and stored or blended in bulk for the purpose of distribution by tank vessels, pipelines, tanks cars, tank vehicles or containers shall be in accordance with Sections 5706.4.1 through 5706.4.10.4. The area limits in which new bulk plants for flammable and combustible liquids are prohibited are established as follows: The entire area of the city except by special application to and approval by the city council and Fire Marshal.

6101.1.1 Bulk Storage of Liquefied Petroleum Gasses. Shall be added as follows:

The area limits in which bulk storage of liquefied petroleum gas is prohibited are established as follows: The entire area of the city except that portion classified as M-2 manufacturing district under the city zoning ordinance, being Ordinance No. 3100 as amended from time to time; and then only as approved by the Fire Marshal.

Table C102.1 reference to Minimum Number of Hydrants which equal One (1) shall be amended to Two (2).

C102.1.1 is added to read:

The following conditions shall also apply to hydrant placement on private property:

1. A fire hydrant shall be located between fifty (50) feet to one hundred (100) feet from fire department connection.
2. Hydrants shall not be located within 50 feet from the building perimeter (collapse zone).

3. Hydrants shall be located no more than 5 feet from all-weather roadways. When existing obstructions cannot be avoided, the closest part of the hydrant shall be placed no less than two (2) feet back from the face of the curb or edge of pavement. Center of discharge outlets shall be located eighteen (18) to twenty-four (24) inches above final grade and steamer outlet shall face the street or access road. Hydrants shall be plumb and capped at all times.
4. When fire hydrants are located in open areas such as parking lots, entrance, exit, loading and unloading zones, they shall be protected from vehicle traffic by four-inch steel pipe posts. Posts shall be set in concrete. Inside of post shall be filled with concrete from bottom to top and crowned. Distance between fire hydrant and post shall be three (3) feet.
5. All fire hydrants shall be placed on looped water mains or on isolated dead ends no more than 150' from the municipal water supply.
6. Extension of water mains. Water mains and fire hydrants located thereon shall be extended in all developments across and one (1) foot beyond the lot or lots being developed, in all directions, along the public streets.
7. Fire hydrant maintenance and inspection. Where fire hydrants are located on private property, the hydrant and water main shall be repaired and maintained by the private property owner or developer, and the city fire department and water maintenance department shall and are given authority to go on private property for periodic testing and inspection of fire hydrants to assure their functioning and use under emergency conditions.

D103.2.1 Obstruction. Shall be added as follows:

Maximum height of roadway obstructions shall not exceed three (3) inches.

D103.4.1 Dead Ends at Sprinklered Buildings is added to read:

Fire apparatus access road dead ends at sprinklered buildings, shall be permitted to extend to 200 feet without an approved turnaround.

D103.4.2 Parking lot Dead Ends beyond the Extent of a Required Fire Lane is added to read:

If a required fire lane meets the hose stretch test of IFC 503 and could be terminated without an approved turnaround per D103.4 or D103.4.1; the adjacent parking field or pavement may continue past the fire lane termination without being considered a fire lane provided that a permanent parking island with "End Fire Lane" signage is provided at the required extent of the fire lane.

D103.6.3 Fine Signage is added to read:

An additional sign acceptable to the Fire Marshal shall be added to the Fire Lane Signage indicating "FINE \$250.00" (*Fine amount shall match the currently required handicapped parking fine signage mandated by the State of Illinois).

D103.6.4 Signage Frequency is added to read:

Signage shall be placed at both ends of the Fire Lane and shall be placed at intervals of one hundred and fifty (150) feet.

F101.2.1 Signage is added to read:

Minimum size of sign shall be 10 3/4 inches square, shall be permanent and of a material acceptable to the Fire Code official.