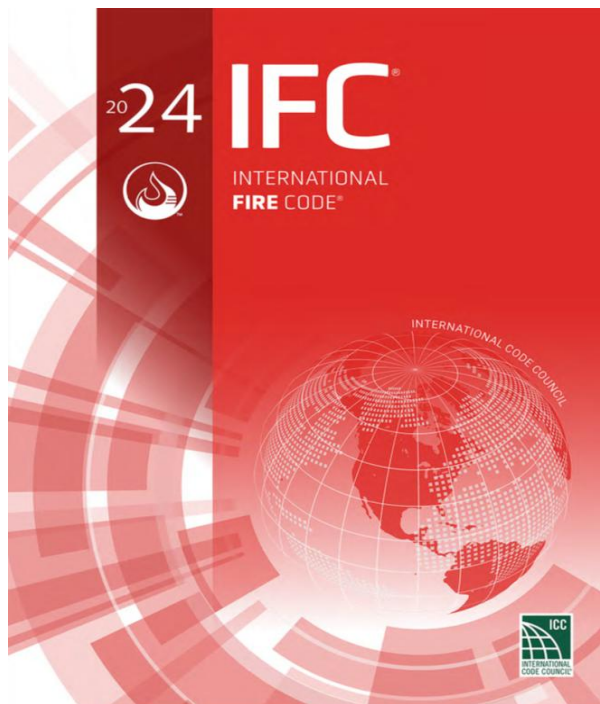


Carol Stream Fire Protection District



Local Amendments to ICC International Fire Code, 2024 Edition



October 13, 2025



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AMENDMENTS TO CHAPTER 1

CHAPTER 1 ADMINISTRATION

SECTION 101 GENERAL

101.1 Title. These regulations shall be known as the *Fire Code* of the Carol Stream Fire Protection District, hereinafter referred to as “this code.”

SECTION 102 APPLICABILITY

102.7 Referenced codes and standards. The codes and standards referenced in this code shall be those listed in Chapter 80, as amended and adopted by the Carol Stream Fire Protection District and such codes and standards shall be considered part of the requirements of this code to the prescribed extent of each such reference as amended by the Carol Stream Fire Protection District and as further regulated by Sections 102.7.1 and 107.2 through 102.7.3.

102.7.3 Plumbing code. All references to the *International Plumbing Code* shall be construed to refer to the pertinent sections of the *Illinois Plumbing Code* as amended and adopted by the Village of Carol Stream.

SECTION 103 CODE COMPLIANCE AGENCY

103.1 Creation of agency. The Carol Stream Fire Prevention Bureau shall be responsible for inspections and code enforcement and the official in charge thereof shall be known as the fire code official. The function of the Bureau shall be the implementation, administration and enforcement of the provisions of this code. The President and Board of Trustees of the Carol Stream Fire Protection District have entered into contracts or agreements with the Village of Carol Stream, which can be modified from time to time, for the various functions of the Fire Prevention Bureau.

103.2 Appointment. The Fire Chief of the Carol Stream Fire Protection District, as appointed by the chief appointing authority of the Carol Stream Fire Protection District, shall serve as the fire code official.



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SECTION 113 VIOLATIONS

113.3 Notice of violation. Where the *fire code official* or building official finds a building, premises, vehicle, storage facility or outdoor area that is in violation of this code, the *fire code official* or building official are authorized to prepare a written notice of violation describing the conditions deemed unsafe and, where compliance is not immediate, specifying a time for reinspection.

113.4 Violation penalties. Persons who ~~shall~~ violate a provision of this code or ~~shall~~ fail to comply with any of the requirements thereof 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 building official, or of a permit or certificate issued under provisions of this code, shall be guilty of a code violation, punishable by a fine of not less than one hundred and fifty dollars (\$150.00) or more than fifteen hundred dollars (\$1,500.00) for each separate offense. Each day that a violation continues after due notice has been served shall ~~be deemed~~ constitute a separate offense. In addition to a fine, the court may impose a period of conditional discharge as defined in 730 ILCS 5/5-1-4 or court supervision as defined in 730 ILCS 5/5-1-21 of the Criminal Code for a period of up to six (6) months, an order of restitution, an order to perform community service, an order to complete an education program and/or any other appropriate penalties or conditions authorized in any section of this code or ordinance or any conditions for conditional discharge set forth in 730 ILCS 5/5-6-3 or for court supervision in 730 ILCS 5/5-6-3.1 as the foregoing are amended from time to time.

SECTION 114 STOP WORK ORDER

114.4 Failure to comply. Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be liable for a fine of not less than one hundred and fifty dollars (\$150.00) or more than fifteen hundred dollars (\$1,500.00). Each day that a violation continues after due notice has been served shall constitute a separate offense.



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AMENDMENTS TO CHAPTER 2

CHAPTER 2 DEFINITIONS

SECTION 201 GENERAL

201.4 Terms not defined. Where terms are not defined through the methods authorized by this section, such terms shall have ordinarily accepted meanings such as the context implies. The current version of the Merriam-Webster Dictionary shall be considered as providing ordinarily accepted meanings.



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AMENDMENTS TO CHAPTER 3

CHAPTER 3 GENERAL REQUIREMENTS

SECTION 307 OPEN BURING, RECREATIONAL FIRES AND PORTABLE OUTDOOR FIREPLACES

307.4.2.1 Unvented alcohol fuel-burning decorative appliances. *Unvented alcohol fuel-burning decorative appliances shall be listed and labeled in accordance with UL 1370 and shall be installed in accordance with the conditions of the listing, manufacturer's installation instructions and the International Mechanical Code. Unvented alcohol fuel-burning decorative appliances shall not be operated within fifteen feet (15'-0") of a structure or combustible material unless otherwise permitted by the manufacturer's installation instructions.*

SECTION 308 OPEN FLAMES

308.4 Group R occupancies. Open flame, fire and burning in Group R occupancies shall comply with the requirements of Sections 308.1 through 308.1.7 and Sections 308.4.1 through 308.4.2.

308.4.2 Cooking appliances. Open flame cooking appliances shall not be permitted within 15' of any combustible building construction or materials

SECTION 311 VACANT PREMISES

311.1 General. Temporarily unoccupied buildings, structures, premises or portions thereof, including tenant spaces, shall be safeguarded and maintained in accordance with Sections 311.1.1 through 311.1.6. The building owner shall provide updated key holder information as required by the fire code official.

311.1.3 Resumption of occupancy. Structures which have been unoccupied for more than 24 consecutive months, or which have been determined to be abandoned in accordance with Section 311.1.1, shall be required to be inspected prior to occupancy. The building or portion thereof to be reoccupied shall be required to be equipped with a full fire protection system in accordance with Chapter 9 of this code.

Exception: One- and two-family dwellings, townhomes and individual condominium and apartment units are exempt from this requirement.



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AMENDMENTS TO CHAPTER 5

CHAPTER 5 FIRE SERVICE FEATURES

SECTION 503 FIRE APPARATUS ACCESS ROADS

503.1.1.1 Limited site access allowance. When site topography or other physical characteristics of the property make full installation of a required fire apparatus access road impractical, the fire code official may approve the use of a standpipe system (Class I) as an alternative in lieu of full installation of the fire apparatus access road.

503.6 Security gates. The installation of security gates across a fire apparatus access road or entrance shall be approved by the fire code official. Where security gates are installed, they shall have an approved means of emergency operation. The security gates and the emergency operation shall be maintained operational at all times. Electric gate operators, where provided, shall be listed in accordance with UL 325. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F 2200.

SECTION 505 PREMISES IDENTIFICATION

505.1 Address identification. New and existing buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers shall not be spelled out. Each character shall be not less than 6 inches (152.4 mm) high with a minimum stroke width of 1/2 inch (12.7 mm). Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other approved sign or means shall be used to identify the structure. Address identification shall be maintained.

505.1.1 Commercial door numbering requirements. Buildings with an area of 40,000 square feet or more shall be identified with door numbering and markings. The door numbering and markings shall apply to the entire building.

1. Door numbering and markings shall be a minimum of 6 inch (152.4 mm) letters, in a contrasting color, and shall be marked on both the exterior and interior.
2. The first character of the door numbering and markings shall be a letter indicating the direction the majority of that wall faces. (N north, S-south, E-east, W-west).
3. Door numbering and markings shall be counter clockwise, from the exterior, facing the building. The numbers shall be placed on the latch side of the door at the top.

SECTION 506



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KEY BOXES

506.1 Where required. Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire-fighting purposes, the fire code official is authorized to require a key box or boxes to be installed in an approved location or locations. The key box or boxes shall be of an approved type listed in accordance with UL 1037, and shall contain keys to gain necessary access as required by the fire code official.

506.3 Key requirements. The required building access keys shall be provided, as approved by the fire code official and placed in the approved fire district key box or boxes.

506.3.1 Identification. Each key shall be identified in an approved manner for quick use in case of an emergency.

506.3.2 Master key. Where possible, a single master key shall be provided.

SECTION 507 FIRE PROTECTION WATER SUPPLIES

507.3.1 Fire flow method. The approved fire flow method shall be determined by utilizing Appendix B as adopted.

507.3.2 Fire flow design for combined fire sprinkler and fire hydrant system. Combination water sprinkler systems and fire hydrant systems shall comply with Section 507.3.1 or as approved by the fire code official.



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AMENDMENTS TO CHAPTER 9

CHAPTER 9 FIRE PROTECTION SYSTEMS

SECTION 903 AUTOMATIC SPRINKLER SYSTEMS

903.1.2 Sprinkler system backflow replacement. Whenever an existing fire sprinkler system backflow prevention device is installed or replaced with a different make, model, or type, the fire sprinkler system shall be recalculated to ensure that the design density is satisfied. Should the design density be inadequate, the automatic sprinkler system shall be redesigned and necessary alterations made so as to comply with the required design density.

903.1.2.1 Forward flush. Systems that require reconfiguration of the riser assembly to accommodate the new backflow device shall also include a means to forward flush the fire sprinkler backflow device, if one is not already provided. Such forward flush shall be of a type that does not require the system to be taken offline or disassembled to complete the testing.

903.2 Where required. Approved automatic sprinkler systems in new buildings and structures shall be provided in all occupancies, buildings and structures. Sections 903.2.1 through 903.2.10 shall be deleted in their entirety.

Exceptions:

1. Spaces or areas in telecommunications buildings used exclusively for telecommunications equipment, associated electrical power distribution equipment, batteries and standby engines, provided those spaces or areas are equipped throughout with an automatic smoke detection system in accordance with Section 907.2 and are separated from the remainder of the building by not less than 1-hour fire barriers constructed in accordance with Section 707 of the International Building Code or not less than 2-hour horizontal assemblies constructed in accordance with Section 711 of the International Building Code, or both.
2. Accessory buildings or structures in any occupancy group with the exception of Group H occupancies, provided the building or structure is less than 1,500 square feet in interior floor area, is a minimum of 30 feet away from the primary building or other outside structures, is no more than one story in height, has no basement or lower level, is not used for sleeping or as a dwelling unit, and is accessible for firefighting purposes on at least three sides.

903.2.11 Specific buildings areas and hazards. In all occupancies other than Group U, an automatic sprinkler system shall be installed for building design or hazards in the locations sets forth in Sections 903.2.11.1 through 903.2.11.6.

903.2.11.1 Stories without openings. An automatic sprinkler system shall be installed throughout all stories, including basements, of all buildings.



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903.3.1.2.1 Balconies and decks. Sprinkler protection shall be provided for exterior balconies, decks and ground floor patios or dwelling units where either of the following conditions exist.

1. The building is of combustible construction-
2. Exterior balconies, decks, ground floor patios of dwelling units and sleeping units are constructed in accordance with Section 705.2.3.1, Exception No. 3 of the International Building Code.

Section 903.7 Additional automatic sprinkler system design requirements. All automatic sprinkler systems shall comply with the following additional design requirements:

1. The design pressure used to design the sprinkler system shall be the actual municipal system pressure for the site less a factor of safety. The factor of safety shall be a minimum of 10 psi or 10 percent of the design pressure required by this code, whichever is greater.
2. A floor plan showing the sprinkler and alarm zones shall be provided in the sprinkler riser room. The plan shall be affixed to the wall at a location approved by the fire code official.
3. A copy of the hydraulic nameplate with hydraulic calculations shall be provided on each design drawing for each hydraulically calculated area.

Section 905 STANDPIPE SYSTEMS

905.2 Installation standard. Class I Standpipe systems shall be installed in accordance with this section and NFPA 14. Fire department connections for standpipe systems shall be in accordance with Section 912.

905.3.1 Height. Class I standpipe systems shall be installed throughout buildings where any of the following conditions exist:

905.3.1.1 Location. Where horizontal or vertical access is more than one hundred fifty (150) feet beyond the level of fire department vehicle access. Distance is measured starting from the fire department apparatus' hose connection.

SECTION 907 FIRE ALARM AND DETECTION SYSTEMS

907.2 Where required—new buildings and structures. An *approved* fire alarm system installed in accordance with the provisions of this code and NFPA 72 shall be provided in new buildings and structures in accordance with Sections 907.2.1 through 907.2.23 and provide occupant notification in accordance with Section 907.5, unless other requirements are provided by another section of this code. Not fewer than one manual fire alarm box shall be provided in an *approved* location to initiate a fire alarm signal for fire alarm systems employing automatic fire detectors or waterflow detection devices. Where other sections of this code allow elimination of fire alarm boxes due to sprinklers, a single fire alarm box shall be installed. Manual fire alarm boxes shall be provided at each exit and as directed by the fire code official.



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907.2.1 Group A. A manual fire alarm system that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group A. Group A occupancies not separated from one another in accordance with Section 707.3.10 of the International Building Code shall be considered as a single occupancy for the purposes of applying this section. Portions of Group E occupancies occupied for assembly purposes shall be provided with a fire alarm system as required for the Group E occupancy.

907.2.3 Group E

Exceptions:

2. Emergency voice/alarm communication systems meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall not be required in Group E occupancies with *occupant loads* of 100 or less, provided that activation of the manual *fire alarm system* initiates an *approved* occupant notification signal in accordance with Section 907.5.

907.2.4 Group F. A manual *fire alarm system* that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group F occupancies.

907.2.7 Group M. Fire alarm systems shall be required in Group M occupancies in accordance with Sections 907.2.7.1 and 907.2.7.2.

907.2.7.1 Occupant load. A manual *fire alarm system* that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group M occupancies.

907.2.8 Group R-1. Fire alarm systems and smoke alarms shall be installed in Group R-1 occupancies as required in Sections 907.2.8.1 through 907.2.8.3.

907.2.8.1 Manual fire alarm system. A manual *fire alarm system* that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group R-1 occupancies.

907.2.9 Group R-2. *Fire alarm systems* and *smoke alarms* shall be installed in Group R-2 occupancies as required in Sections 907.2.9.1 through 907.2.9.3.

907.2.9.1 Manual fire alarm system. A manual *fire alarm system* that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group R-2 occupancies.

907.2.10 Group S. A *fire alarm system* shall be installed in a Group S occupancy as required by Sections 907.2.10.1 and 907.2.10.2.

907.2.10.1 Public- and self-storage occupancies. A manual *fire alarm system* that activates the occupant notification system in accordance with Section 907.5 shall be installed in Group S public- and self-storage occupancies.

907.6.3.1 Annunciation. The initiating device status shall be annunciated at an approved on-site location. When the main fire alarm panel is not located in a rated room (sprinkler room) or is located in a remote area, a remote annunciator will be located within 10 feet of main entrance or a location set by the fire code official.

907.6.4 Zones. Each floor shall be zoned separately and a zone shall not exceed 22,500 square feet (2090 m²). The length of any zone shall not exceed 300 feet (91 440 mm) in any direction.



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907.6.4.3 Zone disconnection. All fire alarm systems shall be capable of disconnection of a zone at the control panel. Disconnection of a zone shall cause the fire alarm system to transmit a trouble signal.

907.6.6.4 Wireless radio fire alarm systems. All new fire alarm systems shall transmit trouble, supervisory, and fire signals via a wireless transmitter in accordance with NFPA 72. Transmitter equipment shall be approved by the fire code official. When the system consists of addressable components (location, type, etc.) the information shall be transmitted to the monitoring station.

SECTION 910 SMOKE AND HEAT REMOVAL

910.2 Where required. Smoke and heat vents or a mechanical smoke removal system shall be installed as required by Sections 910.2.1 and 910.2.2.

Exceptions:

1. Smoke and heat removal shall not be required in areas of buildings equipped with early suppression fast-response (ESFR) sprinklers.

910.2.1 Group F or S

SECTION 912 FIRE DEPARTMENT CONNECTION

912.3 Fire hose threads. Fire hose threads used in connection with standpipe systems shall be approved and shall be compatible with fire department hose threads.

912.3.1 Standpipe connection. The standpipe connection shall be 2 ½ inch male swivel connections with NST thread.

912.3.2 Fire department connection. The Fire Department Connection shall be two 2 ½ inch female swivel connections with NST thread.



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AMENDMENTS TO CHAPTER 10

CHAPTER 10 MEANS OF EGRESS

SECTION 1009 ACCESSIBLE MEANS OF EGRESS

1009.1 Accessible means of egress required. Accessible means of egress shall comply with this section and the current version of the Illinois Accessibility Code. Accessible spaces shall be provided with not less than one accessible means of egress. Where more than one means of egress is required by Section 1006.2 or 1006.3 from any accessible space, each accessible portion of the space shall be served by not less than two accessible means of egress.

SECTION 1010 DOORS, GATES AND TURNSTILES

1010.2.4 Locks and latches. Locks and latches shall be permitted to prevent operation of doors where any of the following exist:

3. In *buildings* in occupancy Group A having an *occupant load* of 300 or less, Groups B, F, M and S, and in *places of religious worship*, the main door or doors are permitted to be equipped with key-operated locking devices from the egress side provided that:

3.1. The doors are the main exterior doors to the *building*, or the doors are the main doors to the tenant space.

3.2. The locking device is readily distinguishable as locked.

3.3. A readily visible durable sign is posted on the egress side on or adjacent to the door stating: THIS DOOR TO

REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED. The sign shall be in letters 1 inch (25 mm) high on a contrasting background.

3.4. The use of the key-operated locking device is revocable by the *building official* for due cause.

3.5 As approved by the fire code official.

[B] SECTION 1013 EXIT SIGNS

1013.3 Illumination. Exit signs shall be internally illuminated.



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AMENDMENTS TO APPENDICES A THROUGH O

The following appendices are hereby adopted as part of the Fire Code of the Carol Stream Fire Protection District.

**Appendix B
Fire-Flow Requirements for Buildings**

**Appendix D
Fire Apparatus Access Roads**

**Appendix G
Cryogenic Fluids – Weights and Volume Equivalents**

**Appendix H
Hazardous Materials Management Plan (HMMP) and Hazardous
Materials Inventory Statement (HMIS) Instructions**