

## CHAPTER 164

# FIRE PREVENTION CODE

164.01 Purpose  
164.02 Adoption of Fire Prevention Code

164.03 Amendments to Fire Prevention Code  
164.04 Board of Appeals

**164.01 PURPOSE.** The purpose of this chapter is to prescribe regulations governing conditions hazardous to life and property from fire, hazardous materials, or explosion.

**164.02 ADOPTION OF FIRE PREVENTION CODE.** Pursuant to public notice and public hearing, there is hereby adopted by the City that certain Code known as the *International Fire Code, 2018 Edition*, including Appendix B, D, E, F, G, and I, as prepared and edited by the International Code Council, Inc. thereof, and the whole thereof, save and except such portions as are hereafter deleted, modified or amended; and the same is hereby adopted and incorporated as fully as if set out in full herein; and the provisions thereof shall be controlling within the limits of the City effective **July 1, 2018**. Appendix C in the *International Fire Code, 2018 Edition*, will be used as a reference guide.

**164.03 AMENDMENTS TO FIRE PREVENTION CODE.** The *International Fire Code, 2018, first printing*, adopted by this Chapter, is amended as follows:

1. Delete all of the permits within section 105.6 Required operational permits except for the following:

- 105.6.2 Amusement buildings
- 105.6.3 Aviation Facilities
- 105.6.4 Carnivals and Fairs
- 105.6.6 Combustible dust-producing operations
- 105.6.13 Exhibits and trade shows
- 105.6.14 Explosives
- 105.6.27 LP gas
- 105.6.30 Mobile food preparation vehicles
- 105.6.36 Outdoor assembly events
- 105.6.32 Open Burning
- 105.6.40 Pyrotechnic special effects material
- 105.6.47 Tents and Membrane Structures

2. **Delete the exception in Section 105.6.27** and replace with the following:

**Exception:** A permit is not required for individual containers with a water capacity of less than 100-gallon or multiple container systems having an aggregate quantity not exceeding 100 gallons, serving occupancies in group R-3.

3. **Delete Section 105.6.47 - Temporary membrane structures and tents** and replace it with the following:

**Section 105.6.47 - Temporary membrane structures and tents.** An operational permit is required to operate an air-supported temporary membrane structure or a tent having an area in excess of 600 square feet.

**Exception:**

1. Tents used exclusively for recreational camping purposes.
2. Tents open on at least three sides, which comply with all of the following:
  - 2.1 Individual tents having a maximum size of 1000 square feet.
  - 2.2 The aggregate area of multiple tents placed side by side without a fire break clearance of not less than 12 feet shall not exceed 1000 square feet.
  - 2.3 A minimum clearance of 12 feet to structures and other tents shall be provided.
4. Delete all of the permits within Section 105.7 - Required construction permits except for the following:
  - 105.7.1 Automatic Fire-extinguishing systems
  - 105.7.2 Battery Systems
  - 105.7.3 Capacitor energy storage systems
  - 105.7.6 Emergency responder radio coverage system
  - 105.7.7 Fire alarm and detection systems and related equipment
  - 105.7.8 Fire pumps and related equipment
  - 105.7.9 Flammable and combustible liquids
  - 105.7.10 Fuel cell power systems
  - 105.7.11 Gas detection systems
  - 105.7.12 Gate and barricades across fire apparatus access road (not related to new construction only)
  - 105.7.16 LP-Gas
  - 105.7.18 Plant extraction systems
  - 105.7.24 Standpipe systems

5. Delete Section 110.4 - Violation penalties and replace it with the following:

**Section 110.4 - 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 direction of the fire code official, or of a permit or certificate used under provisions of this code,

shall be punished in a manner provided in Chapter 4 of the Code of Ordinances.

6. Add to Section 106.2 – Schedule of permit fees. Whenever an inspection fee, reinspection fee, or permit fee is required, the fees shall be paid as set for the in the Fire Code Table of Fees (Table 104.12 (A) as adopted by resolution.
7. Delete from Section 202 of Definitions the following: “Associated with Group E occupancies” AND “Accessory to places of religious worship”.
8. Delete Section 308.1.4 Exception 3 and replace it with the following:
  3. Townhouses as defined by the International Building Code.
9. Delete Section 311.2.2 Exception 3 “where fire areas do not exceed 12,000 square feet”
10. Delete Section 315.3.1 Exception 2
11. Amend Table 315.7.6 (1) Column 51 to 200 all number 5’s change to 15
12. Amend Table 405.2 by deleting the work “monthly” for Group E and replace it with the following:

Two fire and tornado drills per semester shall be conducted for a total of four fire drills through the school year. Two lockdown drills shall be conducted per year.

Exception: Child Daycare centers shall conduct monthly fire drills.

13. Delete Section 501.4 - Timing of installation and replace it with the following:

Section 501.4 - Timing of Installation. When fire apparatus access roads or water supply for fire protection is required to be installed, such protection shall be installed and made serviceable prior to occupancy except when approved alternative methods of protection are provided. Temporary street signs shall be installed at each intersection when construction of new roadways allows passage by vehicles in accordance with section 505.2.

14. Add the following exceptions to Section 503.2.1 - Dimensions, as follows:

Exception:

1. Private fire lanes used exclusively as fire apparatus access roads may be reduced to an unobstructed width of no less than 12 feet provided that parking/operating pad(s) with a width of not less than 20 feet and a length of not less than 30 feet are installed at the locations approved by the Code Official.
2. For divided two-lane (one each way) public roadways the required unobstructed width may be reduced to 17 foot curb back to curb back so long as all of the following are met:

- ❖ No median and/or island or other obstruction may extend over 150 linear feet without an approved crossover.
  - ❖ Outside curbs adjacent to the medians/islands or other obstructions must be of a drive over/roll over design.
  - ❖ Medians/islands or other obstructions may not exceed a saturation limit of 25% of the entire project distance.
15. Add Section 503.2.1.1 - Residential Drives and Lanes, as follows:  
Section 503.2.1.1 - Residential Drives and Lanes. For any dwelling that is set back greater than 100 feet from the public way, the drive or lane shall have an unobstructed width of not less than 10 feet and an unobstructed vertical clearance of not less than 13 feet, 6 inches and shall comply with Section 503.2.3. Any drive or lane greater than 150 feet in length shall be provided with a fire apparatus turnaround as approved by the code official.
16. Add a new Section 504.4, as follows:  
504.4 - Identification of Interior Doors. The Code Official may require that certain interior doors be identified.
17. Amend Section 505.1 - Each character shall not be less than 4 inches high with a minimum stroke width of ½ inch. The height of the character must increase by one inch and the stroke by ¼ inch for every additional 100 feet the character are away from the road.
18. Delete Section 507.5.1 - Where Required and replace it with the following:  
Section 507.5.1 - Where required. Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 300 feet from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains shall be provided where required by the Fire Chief.  
Exception:  
1. For Group R-3, the distance requirement shall be 500 feet.  
2. For buildings equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2, the distance requirement shall be 600 feet.
19. Delete Section 603.4.2.1.2 - Clearance to Building and replace it with the following:  
Section 603.4.2.1.2 Clearance to building. Portable outdoor gas-fired heating appliances shall be located at least 10 feet from building or per manufacturer recommendations which must be provided.

20. Delete Section 603.4.2.1.3 - Clearance to combustible materials and replace it with the following:

Section 603.4.2.1.3 - Clearance to combustible materials. Portable outdoor gas-fired heating appliances shall not be located beneath, or closer than 10 feet to combustible decorations and combustible overhangs, awnings, sunshades or similar combustible attachments to building.

21. Delete Section 603.4.2.1.4 - Proximity to exits and replace it with the following:

Section 603.4.2.1.4 - Proximity to exits. Portable outdoor gas-fired heating appliances shall not be located within 10 feet of *exits or exit discharges*.

22. Delete Section 704.1 – Last paragraph. Unprotected joints and voids do not need to be protected where such joints and voids were not required to be protected when the building was originally build.

23. Delete Section 706.2 – Unprotected openings.

24. Add Section 901.2.2 – Qualifications, as follows:

Section 901.2.2 - Qualifications. For the installation, inspection and maintenance of water-based fire protection systems and fire alarm systems a contractor must be certified by the State Fire Marshal's Office. When required by the Code Official, the contractor must provide a copy of their certificate.

25. Amend Section 903.2.8 Group R – An automatic sprinkler system installed in accordance with Section 903.3 NFPA 13R sprinkler system shall be provided throughout all buildings with a Group R fire area, with any Group R occupancy having 13 or more dwelling units will have an automatic sprinkler system installed to the section 903.3.1.1 NFPA 13 sprinkler systems.

26. Delete Section 907.2.9 - Group R-2 and replace it with the following:

Section 907.2.9 – Group R-2. An automatic fire alarm system shall be installed in Group R-2 occupancies where:

1. Any dwelling unit is located three or more stories above the lowest level of exit discharge;
2. Any dwelling unit is located more than one story below the highest level of exit discharge of exits serving the dwelling unit;
3. The building contains 12 or more dwelling units; or
4. Any dwelling unit is more than one story above any other dwelling unit in the same building.

Exceptions:

1. A fire alarm system is not required in buildings not over two stories in height where all dwelling units and contiguous attic and crawl spaces

are separated from each other and public or common areas by at least 1-hour fire partitions and each dwelling unit has an exit directly to a public way, exit court or yard.

2. A separate fire alarm system is not required in buildings that are equipped throughout with an approved, supervised automatic sprinkler system installed in accordance with Section 903.3.1.1 or Section 903.3.1.2 and which will automatically activate throughout the notification zones upon a sprinkler water flow.

For purposes of this section, area separation walls shall not define separate buildings.

27. Delete Section 1008.2.3 – Exit discharge illumination.
28. Section 1010.1.9.4 - Locks and latches. Delete subparagraph 2.
29. Delete 3103.2 - Approval required and replace it with the following:

Section 3103.2 - Approval required. Tents and membrane structures having an area in excess of 600 square feet shall not be erected, operated or maintained for any purpose without first obtaining a permit and approval of the fire code official.

Exceptions:

  1. Tents used exclusively for recreational camping purposes.
  2. Tents open on at least three sides, which comply with all of the following:
    - i. Individual tents having a maximum size of 1000 square feet or less.
    - ii. The aggregate area of multiple tents placed side by side without a fire break clearance of 12 feet, not exceeding 1000 square feet.
    - iii. A minimum clearance of 12 feet to structures and other tents.
30. Add the following Exception to Section 3103.12.6.1 Exit sign illumination, as follows:
  1. Exit sign illumination is not required in a temporary membrane structure tent or canopy if it is not going to be occupied after dark.
31. Add the following Exception to Section 3103.12.7 Egress illumination, as follows:

Egress illumination is not required in a temporary membrane structure tent or canopy if it is not going to be occupied after dark.
32. Add following criteria to Section 3104.3 - Label as follows:

In lieu of a permanently affixed label on a temporary membrane structure, tent or canopy, flame-resistance or fire retardant shall be documented and certified by the manufacturer in an approved manner.

33. Delete Section 5704.1 General and replace it with the following:

Section 5704.1 Storage of flammable and combustible liquids in containers, cylinders and tanks shall be in accordance with this section, applicable sections of Chapter 50 and rules and regulations promulgated by the State Fire Marshal.

34. Add to Appendix D107 One- or Two-Family Residential Developments Exception 2 the following:

The fire code official shall not exceed an allowance of over 100 dwelling units in accordance with NFPA 1141 Chapter 5 Table 5.1.4.1.

**164.04 BOARD OF APPEALS.** General. In order to hear and decide appeals of orders, decisions or determinations made by the Fire Code Official relative to the application and interpretation of this Code, there shall be and is hereby created a Board of Appeals, consisting of the members of the Construction Codes Review Board as established in City of Marion Code of Ordinances Section 30.05. The Fire Code Official or designated representative shall be an ex-officio member without a vote and shall act as secretary of the Board.

The Board shall adopt reasonable rules and regulations for conducting its investigations and shall render all decisions and findings in writing to the Fire Code Official with a duplicate copy to the appellant, and may recommend to the City Council such new legislation as is consistent therewith. The Board shall hold a regular meeting on the fourth Tuesday of each month, unless there are no appeals or business on file for a hearing.

Nominal appeal fee to the Board of Appeals shall be paid as set forth by resolution of the City Council. The appeal shall be valid for one (1) year from the date of the Board approval to the commencement of work and to the completion of work undertaken pursuant to the approval.

*(Ch. 164 – Ord. 18-18 – Aug. 18 Supp.)*

[The next page is 1131]



