

TITLE 7

FIRE PROTECTION AND FIREWORKS¹

CHAPTER

1. FIRE DISTRICT.
2. FIRE CODE.
3. FIRE DEPARTMENT.
4. FIREWORKS.

CHAPTER 1

FIRE DISTRICT

SECTION

7-101. Fire limits described.

7-101. Fire limits described. The corporate fire limits shall be and include all the areas in the general business district as shown on the zoning map of the city. (1996 Code, § 7-101)

¹Municipal code reference
Building, utility and housing codes: title 12.

CHAPTER 2

FIRE CODE¹

SECTION

- 7-201. International Fire Code adopted.
- 7-202. Amendments to the 2012 International Fire Code.
- 7-203. Enforcement.
- 7-204. Available in recorder's office.
- 7-205. Violations.

7-201. International Fire Code adopted. Pursuant to authority granted by Tennessee Code Annotated, §§ 6-54-501 through 6-54-510, and for the purpose of prescribing regulations governing conditions hazardous to life and property from fire or explosion, the International Fire Code,² 2012 edition, and appendices B, C, D, E, and F as prepared and adopted by the International Code Council, is hereby adopted and incorporated by reference as part of this code except as otherwise specifically stated in the chapter and is hereinafter referred to as the "International Fire Code" or the "fire prevention code." (1996 Code, § 7-201, as amended by Ord. #98-30, Feb. 1999, and replaced by Ord. #2009-18, Sept. 2009, and Ord. #2013-20, Dec. 2013)

7-202. Amendments to the 2012 International Fire Code.

Section [A] 101.1 Title.

Delete "[Name of Jurisdiction]" and insert "City of Jefferson City, Tennessee" in its place.

Section [A] 101.2.1 Appendices.

Insert "the following Appendices are specifically included in this adoption. All others are excluded.

- Appendix B Fire-Flow Requirements for Buildings
- Appendix C Fire Hydrant Locations and Distribution
- Appendix D Fire Apparatus Access Roads
- Appendix E Hazard Categories
- Appendix F Hazard Ranking"

Section [A] 102.7.1 Conflicts

¹Municipal code reference

Building, utility and housing codes: title 12.

²Copies of this code are available from the International Code Council, 900 Montclair Road, Birmingham, Alabama 35213-1206.

Between "code" and "and" add "NFPA 101,"

Section [A] 102.7.2 Provisions in referenced codes and standards.

Insert "as approved by the fire code official" at the end of the sentence before the period.

Section [A] 103.1 General.

At the end of the section insert "This department shall be known as the Jefferson City Fire Department"

Section [A] 108.1 Board of Appeals established.

Insert after the last sentence "The Board of Appeals shall be the same as established and regulated by the 2012 International Building Code."

Section [A] 109.4 Violation penalties.

Delete "guilty of a [SPECIFY OFFENSE], punishable by a fine of not more than [AMOUNT] dollars or by imprisonment not exceeding [NUMBER OF DAYS], or both such fine and imprisonment" and insert "subject to penalties as prescribed by law" in its place.

Section [A] 111.4 Failure to comply.

Delete "liable for a fine of not less than [AMOUNT] dollars or more than [AMOUNT] dollars" and insert "subject to penalties as prescribed by law" in its place.

Section 401.3.1 Fire Events Insert new section to read: Section 301.3.1.1 Other Emergencies. In the event of any other emergency to which the fire department will respond to a property, the owner or occupants shall immediately notify the fire department."

Section 507.5 Fire hydrant systems.

Change the "6" and the end of the sentence to "7" and add a new section as follows: Section 507.5.7 Hydrant Removal. Fire hydrants required by this code or otherwise installed shall not be removed without the approval of the fire code official."

Section 507.5.1 Where required.

Add a new section as follows: "Section 507.5.1.1 Fire hydrants required. Fire hydrants shall be available at a distance of not more than 600 feet to all new dwellings within new residential developments/subdivisions or a manufactured housing parks containing more than four dwellings. Two copies of a site utility plan and designs showing the layout of all underground main and all fire hydrant locations shall be submitted by the owner/developer for review by the fire code official. Exception: Dwellings or manufactured houses equipped with

an automatic sprinkler system, installed and tested in accordance with NFPA 13D or 13R."

Section 507.5.4 Obstruction.

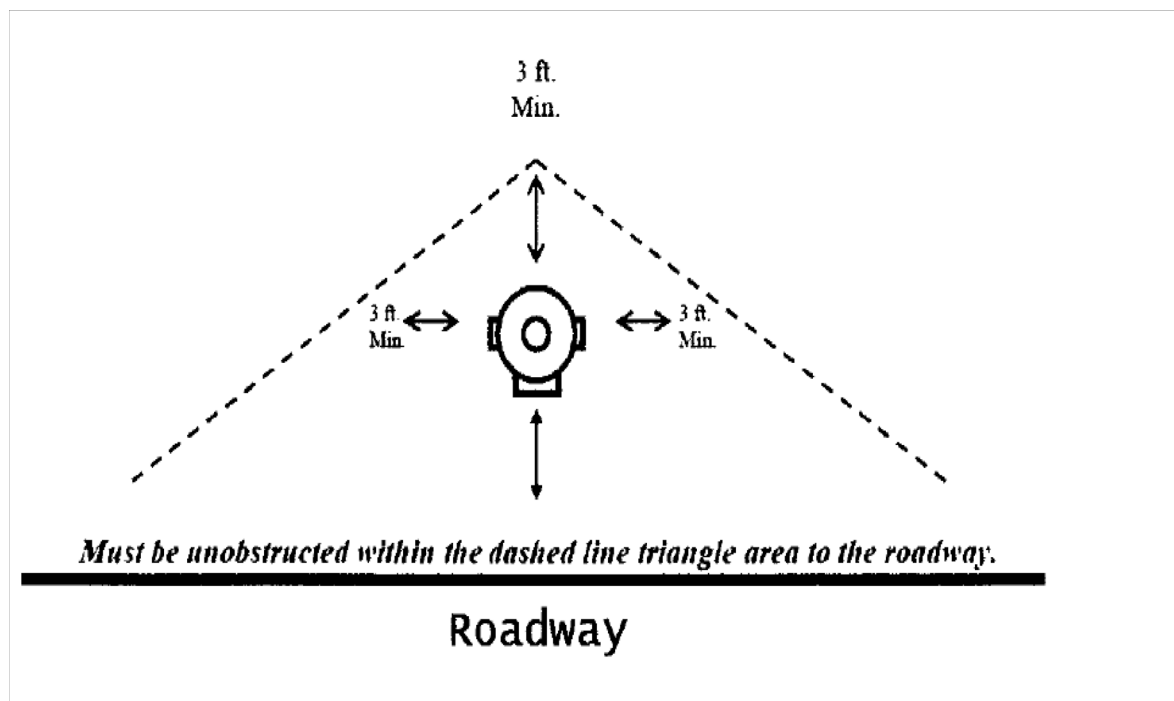
At the end of the section insert "Fire hydrants shall be maintained unobstructed in accordance with the Detail 507.5.5(1)."

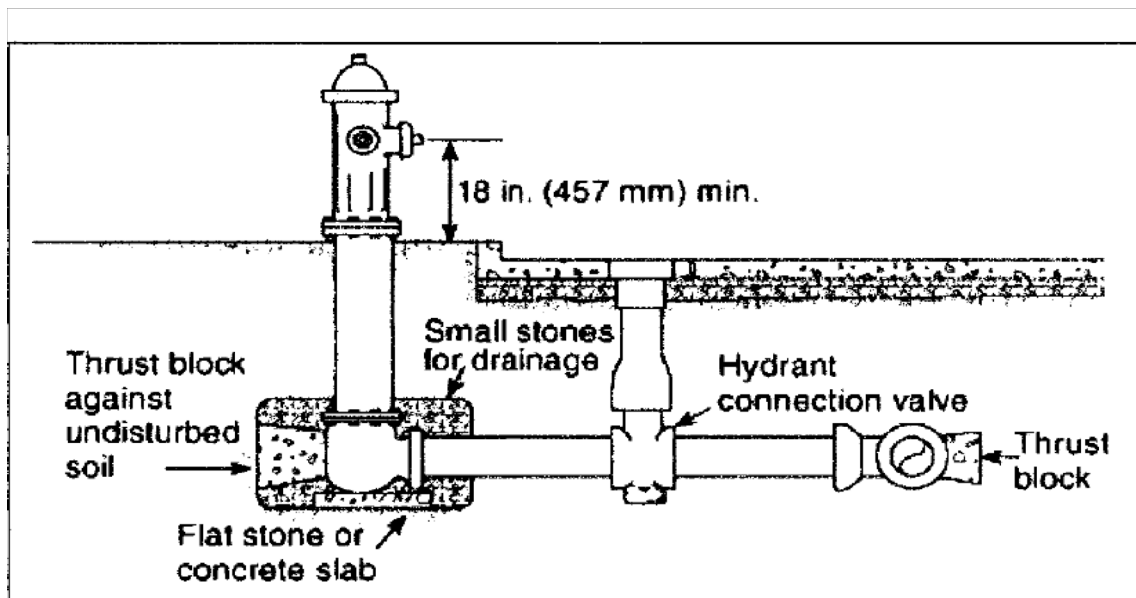
Section 507.5.5 Clear space around hydrants.

At the end of the section, before the period, insert "by the fire code official. Fire hydrants shall be maintained unobstructed in accordance with Detail 507.5.5(1)."

Insert new detail as follows:

"Detail 507.5.5(1)





Add Section 511 Identification of structural construction. Structural construction types shall be identified by an approved sign or signs, in accordance with the provisions of this section.

511.1 Signs. Signs shall be affixed where a building or a portion thereof is classified as Group A, B, E, F, H, I, M, R-1, R-2, R-4 or S occupancy. The owner of the building shall be responsible for the installation of the sign. xxx.2 New buildings and buildings being added to. Signs shall be provided in newly constructed buildings and in existing buildings where an addition that extends or increases the floor area of the building. Signs shall be affixed prior to the issuance of a certificate of occupancy or a certificate of compliance.

511.2 New buildings and buildings being added to. Signs shall be provided in newly constructed buildings and in existing buildings where an addition that extends or increases the floor area of the building. Signs shall be affixed prior to the issuance of a certificate of occupancy or a certificate of compliance.

511.3 Existing buildings. Signs shall be provided in existing buildings. Signs shall be affixed within ninety days of being notified in writing by the Fire Code Official.

511.4 Contents of signs. Signs shall consist of a diagram 6 inches (152.4 mm) in height and width, with a stroke width of 1/4 inch (6.4 mm). The sign background shall be reflective white in color. The diagram and contents shall be reflective red in color, conforming to Pantone matching system (PMS) #187. Where a sign is directly applied to a door or sidelight, it may be a permanent non-fading

sticker or decal. Signs not directly applied to doors or sidelights shall be of sturdy, non-fading, weather resistant material.

511.5 Identification of construction classification. Signs shall contain the roman alphanumeric designation of the construction classification of the building, in accordance with the provisions for the classification of types of construction (types I through V) of the building code. The roman numeral designating construction classification shall be 1 inch (25.4 mm) minimum in height and have a stroke width of 1/4 inch (6.4 mm) minimum, and it shall be reflective white in color on a background of reflective red.

511.6 Identification of year of construction. Signs shall indicate the building's year of construction or major reconstruction. The arabic numeral indicating year of construction shall be 1 inch (25.4 mm) minimum in height and have a stroke width of 1/4 inch (6.4 mm) minimum, and it shall be reflective white in color on a background of reflective red.

511.7 Identification of structural construction types. Signs shall contain the alphabetic designations identifying the structural construction types used in the building, as follows:

"W" shall mean sawn joist/rafter construction, wood members

"I" shall mean engineered I-joist construction, wood members

"S" shall mean steel construction

"T" shall mean truss type construction

"C" shall mean concrete construction

Section 901.6 Inspection, testing and maintenance.

At the end of the section, before the period, add "only with the approval of the fire code official."

Section 901.6.2 Records.

At the end of the section, delete the words "upon request" and insert the words "within 10 days of any inspection, test or maintenance."

Section 901. 7 Systems out of service.

In the first sentence, after "required" add "otherwise installed" and add a new section as follows: Section 901.7.7 Fire protection system activation. The activation or use of any fire protection or device in connection with the control or extinguishment of a fire shall be reported to the fire code official. Such report shall be made by the owner and contractor of the premises in which the system or device is installed and by the contractor or service firm responsible for restoring the system to normal operation or servicing the actuated system or unit. The owner or contractor shall report its use and performance as required by 901. 7 to the fire code official immediately."

Section 903.2.8 Group R.

At the end of the section add: "Exception: This section shall not apply to detached one and two family dwellings and multiple single family dwellings (townhouses) not more than three stories in height where each dwelling extends from the foundation to the roof, is open on at least two sides with each dwelling having a separate means of egress and their accessory structures as regulated by the 2012 International Residential Code."

Section 906.1 Where required.

Delete the Exception section under Section 906.1(1) in its entirety.

Section 907.1.2 Fire alarm shop drawings.

At the end of the section insert:

"14. A point to point wiring diagram for all devices."

"15. A riser diagram showing the zones for all devices connected to the control panel."

Section 907.2.1.1 System initiation in Group A occupancies with an occupant load of 1,000 or more. Replace "1,000 or more" with "more than 300" in the title and in the code section.

Section 907.2.11.1 Group R-1

Insert "4. In each garage or storage area with a six foot or wider door to the outside."

Section 907.2.11.2 Groups R-2,R-3, R04 and I-1.

Insert "4. In each garage or storage area with a six foot or wider door to the outside."

Section 912.2.1 Visible location.

After the words "street side" add "(addressed side)". At the end of the section add "The fire department connection shall be identified by a permanent approved sign which shall have the letters "FDC" at least 6" high in red on a white background."

Section 912.2 Location.

Add a new section as follows: 912.2.3 Hazards. Gas meters, propane cylinders, electrical devices or any other product or device that could become a fire, explosion or electrical hazard shall be located a minimum of 15 feet from connections."

Section 912.3 Access.

After the word "walls" insert "gas meters".

Section 912.3.2 Clear space around connections.
Delete all after the word "required" and add "in section 912.2.3."

Chapter 11 Construction Requirements For Existing Buildings
Delete Chapter 11 in its entirety.

Section B104 Fire-Flow Calculation Area.
Delete the entire section.

Section B105 Fire-Flow Requirements for Buildings.
Delete Table

Section D103.1 Access road width with a hydrant.
Delete Section D103.1, including the title and figure D103.1, in its entirety, and replace with "D103.1 Fire apparatus access roads. All fire apparatus access roads shall meet or exceed the City of Jefferson City Minimum Subdivision Regulations."

Section D103.2 Grade.
Delete Section D103.2 in its entirety.

Section D103.3 Turning radius.
Delete Section D103.3 in its entirety.

Section D103.4 Dead ends.
Delete Section D103.4, including Table D103.4, in its entirety.

Section D103.5 Fire apparatus access road gates.
Renumber Section D103.5 to D103.2.

Section D103.6 Signs.
Delete Section D103.6, including Figure D103.6, in its entirety.

Section D106.1, Projects having more than 100 dwelling units.
Replace "100" with "125" where it appears in the title and in the section.

Section D107 One- or Two-Family Residential Developments
Delete Section D107 in its entirety.
(1996 Code, § 7-202, as replaced by Ord. #2013-20, Dec. 2013)

7-203. Enforcement. The fire prevention code herein adopted by reference shall be enforced by the chief of the fire department or his designee. He shall have the same powers as the state fire marshal. (1996 Code, § 7-203, as replaced by Ord. #2009-18, Sept. 2009, and Ord. #2013-20, Dec. 2013)

7-204. Available in recorder's office. Pursuant to the requirements of the Tennessee Code Annotated, § 6-54-502, one (1) copy of the International Fire Code has been placed on file in the recorder's office and shall be kept there for the use and inspection of the public. (1996 Code, § 7-204, as amended by Ord. #96-60, Feb. 1997, and Ord. #98-30, Feb. 1999, repealed by Ord. #2009-18, Sept. 2009, and replaced by Ord. #2013-20, Dec. 2013)

7-205. Violations. It shall be unlawful for any person, firm or corporation to erect, construct, alter, extend, repair, move, remove, demolish or occupy any building, structure, or equipment regulated by this code, or cause same to be done, in conflict with or in violation of any of the provisions of this code. (as added by Ord. #2009-18, Sept. 2009, and replaced by Ord. #2013-20, Dec. 2013)

CHAPTER 3

FIRE DEPARTMENT¹

SECTION

- 7-301. Establishment, equipment, and membership.
- 7-302. Objectives.
- 7-303. Organization, rules, and regulations.
- 7-304. Records and reports.
- 7-305. Training and salary incentive program.
- 7-306. Chief to be assistant to state officer.
- 7-307. Volunteer members of the fire department.
- 7-308. Rural fire service.
- 7-309. Pumper trucks prohibited from connecting to restrictive fire hydrants.

7-301. Establishment, equipment, and membership. There is hereby established a fire department to be supported and equipped from appropriations by the city council. All apparatus, equipment, and supplies shall be purchased by or through the city and shall be and remain the property of the city. The fire department shall be composed of a chief and such number of physically-fit subordinate officers and firemen as the city council shall appoint in accordance with fire protection policies established by the city council. (1996 Code, § 7-301)

7-302. Objectives. The fire department shall have as its objectives:

- (1) To prevent uncontrolled fires from starting.
- (2) To prevent the loss of life and property because of fires.
- (3) To confine fires to their places of origin.
- (4) To extinguish uncontrolled fires.
- (5) To prevent loss of life from asphyxiation or drowning.
- (6) To perform such rescue work as its equipment and/or the training of its personnel makes practicable. (1996 Code, § 7-302)

7-303. Organization, rules, and regulations. The chief of the fire department shall set up the organization of the department, make definite assignments to individuals, and shall formulate and enforce such rules and regulations as shall be necessary for the orderly and efficient operation of the fire department. (1996 Code, § 7-303)

¹Municipal code reference

Special privileges with respect to traffic: title 15, chapter 2.

7-304. Records and reports. The chief of the fire departments are to keep records of all fires, inspections, apparatus, equipment, personnel, and work of the department, training, and such other records as required by the city manager each month, and at the end of the year a detailed annual report shall be made. (1996 Code, § 7-304)

7-305. Training and salary incentive program. (1) To ensure that adequately trained personnel are available to handle Jefferson City fire related emergencies, the city is hereby sponsoring

(a) Forty (40) of annual in-service training, approved by the Tennessee Fire Fighting Commission, and

(b) A program to certify full-time personnel for basic fire fighter training.

(2) The city manager is directed to see that a forty hour annual in-service training program, approved by the Tennessee Fire Fighting Commission, is developed and that each full-time firefighter successfully completes the in-service training. The State of Tennessee provides a \$450 annual salary supplement for all full-time fire fighters who complete the training.

(3) The city manager is directed to see that the certification program, under the Tennessee Fire Fighting Commission, is set up in the Jefferson City Fire Department.

(4) Existing personnel, who have had parallel training in basic fire fighting, are required, as a minimum, to successfully pass the test given by the Tennessee Fire Fighting Commission for certification as a fire fighter II. Each fire fighter who successfully passes the test and is certified by the Tennessee Fire Fighting Commission shall be automatically advanced one step in pay grade. Full-time fire fighters will be allowed to repeat a maximum of three times.

(5) Fire fighter recruits, who are not certified by the commission, shall be required to pass the test for certification as fire fighter I at the end of one year, and they may repeat the test a maximum of three times. At the end of the second year of employment, the fire fighter recruit must pass the fire fighter II test. The test may be repeated a maximum of three times.

(6) Volunteer fire fighters may participate in in-service training and certification courses and testing, and the city will pay materials expenses. Since volunteer fire fighters do not receive a salary, neither the state nor the city is authorized to pay salary supplements to volunteers. (1996 Code, § 7-305, modified)

7-306. Chief to be assistant to state officer. Pursuant to requirements of Tennessee Code Annotated, § 68-102-108, the chief of the fire department is designated as an assistant to the state commissioner of commerce and insurance and is subject to all the duties and obligations imposed by

Tennessee Code Annotated, title 68, chapter 102, and shall be subject to the directions of the commissioner in the execution of the provisions thereof. (1996 Code, § 7-306, modified)

7-307. Volunteer members of the fire department. In addition to the full-time firemen, the fire chief shall appoint such number of volunteer firemen as is necessary to carry out the fire protection policies of the city council. The volunteer firemen shall be under the supervision of the fire chief. The fire chief shall provide for assignment of volunteers and shall establish rules and regulations for their involvement in the fire service operations of the city. (1996 Code, § 7-307)

7-308. Rural fire service. (1) The City of Jefferson City will not provide fire services outside its corporate limits after June 30, 1982 with the exception that fire service shall be continued for any industrial building fire occurring within one-half of the city limits of Jefferson City, said service being contingent upon the affected industry having entered into a prior written agreement to pay to Jefferson City a fee of \$200.00 per fire call. No member of the fire department or any officer or employee of the city shall order or cause any fire equipment to be taken outside the corporate limits of the city in response to a fire service call, except as provided within this section and in subsection 2, after said date.

(2) Where mutual aid agreements have been signed or are adopted by the city in the future, between the city and other cities or volunteer fire departments, the fire chief is hereby authorized to respond to calls for service outside the corporate limits when the call is from another fire department with which the city has a mutual aid agreement. (1996 Code, § 7-308)

7-309. Pumper trucks prohibited from connecting to restrictive fire hydrants. (1) The Jefferson City Fire Department is prohibited from connecting to restrictive fire hydrants--hydrants which cannot produce 500 gpm at 20 psi.

(2) Volunteer fire departments which serve an area outside the city, where fire hydrants are located on Jefferson City water lines, shall submit written statements to the city manager indicating that they understand this ordinance or policy and agree not to connect a pumper truck to those hydrants which cannot produce 500 gpm at 20 psi residual pressure.

(3) In those areas outside the city where volunteer fire departments fail to sign a statement agreeing not to connect a pumper truck to the fire hydrants reference in (2) above, the city manager is authorized and directed to remove the fire hydrants and notify local and area insurance offices that the hydrants have been removed.

(4) Tanker trucks may connect to restrictive fire hydrants where they can take water by gravity flow without pumping from the fire hydrant. Pumper trucks that are modified so that water flows from the fire hydrant by gravity

flow into the water tank on a pumper may be used, provided the fire department provides Jefferson City a written statement that it has modified its pumpers and has implemented policies to ensure that the pumper will not pump directly from the fire hydrant.

(5) The city manager is directed to forward, by certified mail, a copy of § 7-309 of the Jefferson City Municipal Code to all volunteer fire departments and other emergency service agencies, including the Jefferson County Sheriff's Office, that may serve areas where Jefferson City fire hydrants are located and to publish a copy of Ordinance 93-34 in a newspaper of general circulation in Jefferson County.

(6) The city manager is directed to inform the volunteer fire departments and other emergency service agencies of the location of each fire hydrant that does not meet state requirements. (1996 Code, § 7-309)

CHAPTER 4

FIREWORKS

SECTION

- 7-401. Definition of fireworks.
- 7-402. Manufacture or sale of fireworks prohibited.
- 7-403. Discharge of fireworks prohibited.
- 7-404. Special fireworks displays permitted.

7-401. Definition of fireworks. "Fireworks" means and includes any combustible or explosive composition, or any substance or combination of substances, or device prepared for the purpose of producing a viable or an audible effect by combustion, explosion, deflagration, or detonation, and shall include blank cartridges, toy pistols, toy cannons, toy canes, or toy guns in which explosives are used, firecrackers, torpedoes, skyrockets, Roman candles, Daygo bombs, sparklers, or other devices of like construction and any devices containing any explosive or flammable compound, or any tablet or other device containing an explosive substance, except that the term "fireworks" shall not include any auto flares, paper cups containing not in excess of an average of twenty-five hundredths (.25) of a grain of explosive content per cap, and toy pistols, toy canes, toy guns for use of such caps, the sale and use of which shall be permitted. (as added by Ord. #2003-10, Nov. 2003)

7-402. Manufacture or sale of fireworks prohibited. It shall be unlawful to manufacture or sell fireworks within the city limits of Jefferson City. (as added by Ord. #2003-10, Nov. 2003)

7-403. Discharge of fireworks prohibited. It shall be unlawful for any person to fire, set off, or otherwise discharge fireworks within the city limits of Jefferson City except as otherwise provided in this chapter. (as added by Ord. #2003-10, Nov. 2003)

7-404. Special fireworks displays permitted. Fireworks displays may be permitted for special events, such as civic and holiday celebrations. These public fireworks displays shall be governed by the provisions of Tennessee Code Annotated, § 68-104-07 and required permits shall be obtained from the state fire marshall and the Jefferson City Manager or his designated representative. (as added by Ord. #2003-10, Nov. 2003)