

## CHAPTER 15.30

### FIRE PREVENTION CODE

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**15.30.010: Adoption of the 2006 Edition of the International Fire Code:** The 2006 International Fire Code, including Appendixes B, E, F, and G and the additions and amendments incorporated herein and the amendments incorporated in WAC 51-54 (except amendments listed in WAC 51-54-0500) as now or hereafter amended, is hereby adopted. (Ord. 5205 Sec. 1, 2007; Ord. 5046 Sec. 1 (part), 2004; Ord. 3846 Sec. 1 (part), 1999; Ord. 3667 Sec. 1 (part), 1995; Ord. 3407 Sec. 1, 1992; Ord. 3210 Sec. 8, 1989; Ord. 2778 Sec. 2 (part), 1983; Ord. 2496 Sec. 1 (part), 1980; Ord. 2071 Sec. 1 (part), 1977)

**15.30.020: Subsection 104.10.2 Added - Physical Evidence:** During the course of performing a fire investigation, if in the opinion of the fire code official that the fire is of suspicious origin, the fire code official is authorized to take immediate charge of all physical evidence relating to

the cause of the fire and is authorized to pursue the investigation to its conclusion. (Ord. 5046 Sec. 1 (part), 2004)

**15.30.030: Subsection 104.10.3 Added - Hazardous Materials Releases:** The fire code official is authorized to investigate the origin, cause, and circumstances of unauthorized releases of hazardous materials. (Ord. 5205 Sec. 2, 2007: Ord. 5046 Sec. 1 (part), 2004)

**15.30.040: Subsection 104.11.4 Added - Authority at Emergencies:** See Chapter 10.21 of this Code. (Ord. 5046 Sec. 1 (part), 2004: Ord. 3846 Sec. 1 (part), 1999: Ord. 3667 Sec. 1 (part), 1995: Ord. 3407 Sec. 2, 1992: Ord. 3248 Sec. 2, 1990)

**15.30.050: Subsection 106.2.1 Added - Self-Inspection Program:** The Department of Fire Prevention may establish a self-inspection program for any occupancy. Any owner or occupant of any structure or unit who fails to complete and return a self-inspection report within 30 days or who knowingly makes inaccurate or false statements on a self-inspection report is guilty of violating the provisions of this chapter and may be punished accordingly. (Ord. 5046 Sec. 1 (part), 2004: Ord. 3846 Sec. 1 (part), 1999: Ord. 3667 Sec. 1 (part), 1995: Ord. 3210 Sec. 9, 1989: Ord. 2496 Sec. 1 (part), 1980: Ord. 2071 Sec. 1 (part), 1977)

**15.30.060: Section 108 Amended - Board of Appeals:** See Sections 15.04.050 and 15.04.060 of this Title. (Ord. 5046 Sec. 1 (part), 2004: Ord. 3846 Sec. 1 (part), 1999: Ord. 3667 Sec. 1 (part), 1995: Ord. 2496 Sec. 1 (part), 1980: Ord. 2071 Sec. 1 (part), 1977)

**15.30.070: Section 202 - General Definitions - Fire Code Official - Amended:** The Fire Code Official is the fire chief, fire marshal, captain/inspector, or other designated individual within the fire department charged with the administration and enforcement of the code, or a duly authorized representative. (Ord. 5046 Sec. 1 (part), 2004)

**15.30.080: Subsection 503.1 - Amended - Fire Apparatus Access Roads:** Fire Department access roads shall be provided and maintained in accordance with Section 503 and the Kennewick Administrative Code. (Ord. 5205 Sec. 3, 2007: Ord. 5046 Sec. 1 (part), 2004: Ord. 3846 Sec. 1 (part), 1999)

**15.30.090: Subsection 503.2.3 Amended - Surface:** Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be provided with a paved driving surface. Exception: Private drives serving not more than two Group R, Division 3, or Group U Occupancies shall meet the minimum requirements of the Kennewick Administrative Code. (Ord. 5046 Sec. 1 (part), 2004: Ord. 3846 Sec. 1 (part), 1999: Ord. 3667 Sec. 1 (part), 1995)

**15.30.100: Subsection 503.2.5 Amended - Dead-Ends:** Dead-end fire apparatus access roads in excess of 150 feet in length shall be provided with an approved area for turning around fire apparatus in accordance with the Kennewick Administrative Code. (Ord. 5046 Sec. 1 (part), 2004: Ord. 3846 Sec. 1 (part), 1999)

**15.30.110: Subsection 506.1.2 Added - Approved Key Boxes:** Key boxes shall be installed and maintained in accordance with the Kennewick Administrative Code. (Ord. 5046 Sec. 1 (part), 2004)

**15.30.120: Subsection 508.5 Amended - Fire Hydrant Systems:** The location, number, and type of fire hydrants installed to deliver the required fire-flow shall be provided on a public street or on the site of the premises or both, shall be in accordance with the Kennewick Administrative Code. (Ord. 5205 Sec. 4, 2007: Ord. 5046 Sec. 1 (part), 2004: Ord. 3846 Sec. 1 (part), 1999)

**15.30.130: Subsection 510.2 Added - Marking:** Marking of fire-protection equipment and the identification of their respective locations shall be in accordance with the Kennewick Administrative Code. (Ord. 5046 Sec. 1 (part), 2004: Ord. 3846 Sec. 1 (part), 1999)

**15.30.140: Subsection 903.1 Amended - Automatic Sprinkler Systems - General:** Automatic sprinkler systems shall comply with this section and the Kennewick Administrative Code. In the event there is a conflicting requirement, the more restrictive shall apply. (Ord. 5046 Sec. 1 (part), 2004: Ord. 3846 Sec. 1 (part), 1999)

**15.30.150: Subsection 903.2.10.3 Amended - Buildings 36 Feet or More in Height:** An automatic sprinkler system shall be installed throughout buildings with a floor level having an occupant load of 30 or more that is located 36 feet or more above the lowest level of fire department vehicle access or four stories or more in height.

Exceptions:

1. Airport control towers;
2. Open parking structures;
3. Occupancies in Group F-2.

(Ord. 5046 Sec. 1 (part), 2004: Ord. 5046 Sec. 1 (part), 2004)

**15.30.160: Subsection 903.2.10.4 Added - Mixed Occupancies:** Buildings containing mixed occupancies shall install an automatic sprinkler system throughout when the most restrictive occupancy exceeds the maximum allowed floor area of Table 903.2.10.5, unless such occupancies are separated by an approved two-hour fire-resistive rated separation wall in accordance with International Building Code. (Ord. 5205 Sec. 5, 2007: Ord. 5046 Sec. 1 (part), 2004)

**15.30.170: Subsection 903.2.10.5 Added - Required Installations:** An approved automatic fire sprinkler system shall be installed throughout all buildings hereafter constructed or increased in size in accordance with the requirements of the International Fire Code or buildings whose total floor area, or occupant load, meets or exceeds that listed in Table 903.2.10.4.

Exception #1 - An approved two-hour fire-resistive rated wall meeting the minimum requirements of the International Building Code, may be installed to divide buildings in excess of the square footage as listed in Table 903.2.10.4. Building so divided shall not have to install an automatic sprinkler system if the system is not otherwise required and each area is below the maximum area allowed in Table 903.2.10.4.

Exception #2 - Existing non-conforming structures shall not be required to install a sprinkler system unless the cost of subsequent alteration, repair, or addition of such structure within a 12-month period is in excess of 50

percent of the value of the existing building (as determined by the Building Official) or the minimum required fire-flow for the structure as found in the International Fire Code, Appendix B - Table B105.1 is increased 10 percent or more.

**Table 903.2.10.4<sup>1</sup>**

<b>Occupancy Group Classification</b>	<b>Square Feet of Fire Area<sup>2</sup></b>	<b>Occupant Load</b>
Group A-1	9,000 or more (See Subsection 903.2.1.1 for additional conditions)	300 or more
Group A-2	5,000 or more (See Subsection 903.2.1.2 for additional conditions)	100 or more
Group A-3	9,000 or more (See Subsection 903.2.1.3 for additional conditions)	300 or more
Group A-4	9,000 or more (See Subsection 903.2.1.4 for additional conditions)	300 or more
Group A-5	1,000 or more	N/A
Group B	12,000 or more	N/A
Group E	All (See Section 903.2.2 (WA State Amendment) for specific requirements and exceptions)	50 or more (See Subsection 903.2.2 (WA State Amendment) for specific requirements and exceptions)
Group F-1	12,000 or more (See Subsection 903.2.3 for additional conditions)	N/A
Group F-2	18,000 or more	N/A
Group H-1, 2, 3, 4, and 5	All (See Subsection 903.2.4)	N/A
Group I-1, 2, 3, 4, and 5	All (See Subsection 903.2.5)	N/A
Group M	12,000 or more (See Subsection 903.2.6 for additional conditions)	N/A
Group R-1 and 2	All (See Subsection 903.2.7)	N/A

Group R-3 and 4	N/A	N/A
Group S-1	12,000 or more (See Subsection 903.2.8 for additional conditions)	N/A
Group S-2	18,000 or more (See Subsection 903.2.9 for additional conditions)	N/A
Special Amusement Buildings	1,000 or more (See International Building Code Subsection 411.4)	N/A
Group U	N/A	N/A

N/A=Not Applicable/No Requirement

<sup>1</sup>In the event there is conflicting requirements between the Kennewick Municipal Code and the International Fire Code, the more restrictive shall apply.

<sup>2</sup>Refer to Section 1002 – Gross Floor Area as the proper method of calculating square feet of floor area for the purposes of this Table.

(Ord. 5205 Sec. 6, 2007; Ord. 5046 Sec. 1 (part), 2004; Ord. 3846 Sec. 1 (part), 1999; Ord. 3667 Sec. 1 (part), 1995; Ord. 3210 Sec. 11, 1989; Ord. 3003 Sec. 3 (part), 1986)

**15.30.180: Subsection 903.4.2 Amended - Alarms:** Approved audible devices shall be connected to every automatic sprinkler system. Such sprinkler water-flow alarm devices shall be activated by the water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed within the system. An exterior alarm device shall be provided at an approved location and interior building notification devices shall be installed throughout the building in accordance with Subsection 907.10. (Ord. 5046 Sec. 1 (part), 2004)

**15.30.190: Subsection 907.1 Amended - General:** This section covers the application, installation, performance, and maintenance of fire alarm systems and their components in new and existing buildings and structures. Fire alarm systems shall be installed and maintained in accordance with the International Fire Code, the Kennewick Municipal Code, and the Kennewick Administrative Code. In the event there is a conflicting requirement, the more restrictive shall apply. The requirements of this section and Subsection 907.2 are applicable to new and renovated buildings and structures. The requirements of Subsection 907.3 are applicable to existing buildings and structures. (Ord. 5046 Sec. 1 (part), 2004; Ord. 3846 Sec. 1 (part), 1999)

**15.30.200: Subsection 907.2 Amended - Where Required - New Buildings and Structures:** An approved manual, automatic, or manual and automatic fire alarm system shall be provided in new buildings and structures in accordance with Sections 907.2.1 through 907.2.24 and the Kennewick Administrative Code. Where automatic sprinkler protection installed in accordance with the International Fire Code is provided and connected to the building fire alarm system, automatic heat detection required by this section may be omitted unless otherwise required.

An approved automatic fire detection system shall be installed in accordance with the provisions of this code and NFPA 72. Devices, combinations of devices, appliances and equipment shall comply with Section 907.1.2. The automatic fire detectors shall be smoke

detectors, except that an approved alternative type of detector shall be installed in spaces such as boiler rooms where, during normal operation, products of combustion are present in sufficient quantity to actuate a smoke detector.

An approved fire alarm system so designed that all occupants of the building can be warned simultaneously, shall be installed throughout all buildings hereafter constructed or increased in size in accordance with the requirements of the International Fire Code or buildings whose total floor area, or occupant load, meets or exceeds that listed in Table 907.2.24. (Ord. 5205 Sec. 8, 2007; Ord. 5046 Sec. 1 (part), 2004)

**15.30.210: Subsection 907.2.24 Added - Required Installations:** All buildings hereafter constructed whose total floor area meets or exceeds that listed in Table 907.2.24.

Exception #1 - An approved two-hour fire-resistive rated wall meeting the minimum requirements of the International Building Code, may be installed to divide buildings in excess of the square footage as listed in Table 907.2.24. Building so divided shall not have to install an automatic fire alarm system if the system is not otherwise required and each area is below the maximum area allowed in Table 907.2.24.

Exception #2 - Buildings with existing fire alarm systems shall be considered as complying with this section unless the system is determined to not provide a reasonable degree of life safety, or subsequent renovation of the structure mandates upgrading of the system in accordance with the International Fire or Building Codes or the Kennewick Municipal Code.

Exception #3 - Existing non-conforming structures shall not be required to install a fire alarm system unless the cost of subsequent addition to or alteration or repair of such structure within a 12-month period is in excess of 50 percent of the value of the existing building (as determined by the Building Official) or the minimum required fire-flow for the structure is increased in excess of 10 percent or more in accordance with the International Fire Code, Appendix B - Table B105.1.

Exception #4 - Buildings with approved automatic fire sprinkler systems may have the fire alarm requirements of this subsection modified or omitted (unless otherwise required) upon approval of the fire code official.

**Table 907.2.24<sup>1</sup>**

<b>Occupancy Group Classification</b>	<b>Square Feet of Fire Area<sup>2</sup></b>	<b>Occupant Load</b>
Group A-1, 2, 3 and 4	4,500 or more	300 or more
Group A-5	N/A	N/A

Group B	6,000 or more	500 or more, or more than 100 persons above or below the lowest level of exit discharge. (Exception: If building is equipped with an approved automatic fire sprinkler system as per Subsection 907.2.2)
Group E	All (See Subsection 907.2.3 for exceptions)	N/A
Group F-1	6,000 or more	Two or more stories in height and having an occupant load of 500 or more above or below the lowest level of exit discharge. (See Exception in Subsection 907.2.4)
Group F-2	9,000	Two or more stories in height and having an occupant load of 500 or more above or below the lowest level of exit discharge. (See Exception in Section 907.2.4)
Group H	All (See Section 907.2.5 for specific requirements)	N/A
Group I	All (See Sections 907.2.6 through 907.2.6.2.3 for specific requirements)	N/A
Group LC	N/A	N/A
Group M	6,000 or more	500 or more, or more than 100 persons above or below the lowest level of exit discharge. (Exception: If building is equipped with an approved automatic fire sprinkler system as per Section 907.2.7)
Group R-1	4,500 or more, or three stories or more in height (Exception: See Section 907.2.8.1(2); See Sections 907.2.8.2, 907.2.8.3 and 907.2.10 for additional requirements)	N/A

Group R-2	4,500 or more, or three stories or more in height (Exception: See Section 907.2.9(2); See Section 907.2.10 for additional requirements)	N/A
Group R-3	N/A (See Section 907.2.10 for smoke alarm requirements)	N/A
Group S	6,000	N/A
Group U	N/A	N/A
Special Amusement Buildings	All (See Section 907.2.11 for specific requirements)	N/A

N/A=Not Applicable/No Requirement

<sup>1</sup>In the event there is conflicting requirements between the Kennewick Municipal Code and the International Fire Code, the more restrictive shall apply.

<sup>2</sup>Refer to Section 1002 - Gross Floor Area as the proper method of calculating square feet of floor area for the purposes of this Table.

(Ord. 5205 Sec. 7, 2007; Ord. 5046 Sec. 1 (part), 2004; Ord. 3846 Sec. 1 (part), 1999; Ord. 3667 Sec. 1 (part), 1995; Ord. 3407 Sec. 3, 1992; Ord. 3357 Sec. 1, 1991; Ord. 3003 Sec. 3 (part), 1986)

**15.30.220: Subsection 907.2.25 Added - Multi-Story Buildings:** An approved fire alarm system so designed that all occupants of the building can be warned simultaneously, shall be installed in all buildings hereafter constructed having floors used for human occupancy located more than 25 feet above the lowest level of Fire Department vehicle access or three stories or more in height. (Ord. 5205 Sec. 9, 2007; Ord. 5046 Sec. 1 (part), 2004)

**15.30.230: Subsection 907.2.26 Added - Mixed Occupancies:** An approved fire alarm system so designed that all occupants of the building can be warned simultaneously, shall be installed in all buildings containing mixed occupancies when the most restrictive occupancy exceeds the maximum allowed floor area of Table 907.2.24, unless such occupancies are separated by an approved two-hour fire-resistive rated separation wall in accordance with the International Building Code. (Ord. 5205 Sec. 10, 2007; Ord. 5046 Sec. 1 (part), 2004)

**15.30.240: Subsection 3301.1.3 Amended - Fireworks:** Except as herein provided, it shall be unlawful for any person to store, offer for sale, expose for sale, or use, possess, fire, or discharge any fireworks. The Fire Chief shall have the power to adopt reasonable rules and regulations for the granting of permits for supervised public display of fireworks by the municipality, fair association, amusement parks, and other organizations. Every such display shall be handled by a competent operator approved by the Fire Code Official. Every operator shall have first obtained a Washington State Pyrotechnic license pursuant to RCW 70.77.305 and WAC Chapter 212-17. The display shall be of such a character,

and so located, discharged or fired as in the opinion of the Fire Chief after proper inspection, shall not be hazardous to property or endanger any person. (Ord. 5205 Sec. 11, 2007; Ord. 5046 Sec. 1 (part), 2004)

**15.30.250: Subsection 3301.1.3.1 Added - Permits:** Application for permits for a public display of fireworks shall be made in writing at least 10 days in advance of the display. No permit granted hereunder shall be transferable. (Ord. 5046 Sec. 1 (part), 2004)

**15.30.260: Subsection 3301.1.3.2 Added - Display, Agricultural and Wildlife Fireworks, and Special Effects:** No person may sell, use, or possess in the City of Kennewick, any of the following except with a permit and in the manner provided by law:

- (1) "Display fireworks" as defined in RCW 70.77.131 and WAC 212-17-040.
- (2) "Agricultural and wildlife fireworks" as defined in RCW 70.77.141 and WAC 212-17-045.
- (3) "Special effects" as defined in RCW 70.77.146. (Ord. 5046 Sec. 1 (part), 2004)

**15.30.270: Subsection 3301.1.3.3 Added - Authority to Seize Fireworks:** Any member of the Kennewick Police or Fire Departments is hereby authorized and empowered to seize, take, remove or cause to be removed at the expense of the owner any and all stocks of fireworks offered or exposed for sale, stored, or transported, or held in violation of this article. (Ord. 5046 Sec. 1 (part), 2004)

**15.30.280: Subsection 3301.1.3.4 Added - Insurance Policy:** The applicant for a permit for a public display of fireworks shall file with the Fire Department a copy of a public liability and property damage insurance policy providing coverage with minimum limits as specified in RCW 70.77.295; however, the holder of a general license from the chief of the Washington State Patrol, through the director of fire protection, and upon compliance with RCW 70.77.355, shall be excused from compliance with this subsection. (Ord. 5046 Sec. 1 (part), 2004; Ord. 3846 Sec. 1 (part), 1999; Ord. 3667 Sec. 1 (part), 1995; Ord. 3630 Sec. 2, 1995; Ord. 3407 Sec. 10 (part), Sec. 11, and Sec. 12, 1992; Ord. 3323 Sec. 1, 1991; Ord. 3210A Sec. 3, 1989; Ord. 3156 Sec. 2, 1988; Ord. 2778 Sec. 2 (part), 1983; Ord. 2496 Sec. 1 (part), 1980; Ord. 2071 Sec. 1 (part), 1977)

**15.30.290: Section 109.3 Amended - Violations - Penalties:** Any person violating a provision of this chapter which is not also a violation of any other provisions of this Title or the codes adopted thereby, or shall fail to comply with 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 the provisions of this chapter, or operate or maintain an occupancy, premises, or vehicle subject to this chapter who allow a hazard to exist or fail to take immediate action to abate a hazard on such occupancy, premises, or vehicle when ordered to do so by the Fire Code Official, shall be guilty of a gross misdemeanor. Each day that a violation continues after due notice has been served, shall be deemed a separate offense. (Ord. 5046 Sec. 1 (part), 2004)