

**AMENDMENTS TO 2006 INTERNATIONAL FIRE CODE
Johnstown Fire Protection District**

Chapter 1 - Administration

Subsection 101.1 is hereby amended by the addition of the words double-underlined to read as follows:

101.1 Title. These regulations shall be known as the Fire Code of Johnstown Fire Protection District, hereinafter referred to as "this code."

Subsection 108.1 is hereby amended to read as follows:

108.1 Board of appeals established. 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. The board of appeals shall be the Board of Directors of the Johnstown Fire Protection District. The fire code official shall be an ex officio member of said board but shall have no vote on any matter before the board. The board shall adopt rules of procedure for conducting its business, and shall render all decisions and findings in writing to the appellant with a duplicate copy to the fire code official.

Subsection 111.4 is hereby amended by the addition of the words double-underlined to read as follows:

111.4 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 guilty of a misdemeanor punishable by the penalty set forth in Larimer/Weld County Court, and the Town of Johnstown Municipal Code.

A new *Subsection 112* is hereby enacted to read as follows:

SECTION 112
FEES

112.1 General. The fees for the permits, inspections, and services authorized by this code shall be assessed in accordance with the fee schedule established by resolution of the Johnstown Fire Protection District Board.

Chapter 3 – General Precautions Against Fire

A new *subsection 315.4* is hereby enacted to read as follows:

315.4 Storage under stairways. Storage is prohibited under exit stairways.

Exception: Storage is allowed under interior stairways when such stairways are not within exit enclosures and such spaces are protected on the enclosed side by one-hour fire resistive construction as specified in the Building Code.

Chapter 5 – Fire Service Features

Subsection 503.2.5 is hereby amended by the addition of the words double-underlined to read as follows:

503.2.5 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. Dead-ends in excess of 1000 feet are not allowed.

Exception: In rural residential areas not within a city's growth management area or within a city boundary where fire apparatus access roads cannot be installed because of location on property, topography, waterways, nonnegotiable grades or other similar conditions the fire code official is authorized to increase the dead-end distance.

Subsection 503.6 is hereby amended to read as follows:

503.6 Controlled access gates. The installation of a controlled access gate or barrier in the path of a fire apparatus access road shall be approved by the fire code official and be designed and installed in accordance with the criteria established by the fire code official and this section.

Exception: Private driveways serving a single-family residence.

503.6.1 Permits. Permits shall be required to install, modify or operate controlled access gates and barriers.

503.6.2 Maintenance. All gates or barriers shall be maintained operable at all times and shall be inspected at least annually. Maintenance shall be the responsibility of the property owner, homeowners' association or the occupants of a gated community.

503.6.3 Inoperable gates and barriers. Gates or barriers that are inoperable shall be locked open or removed at the owner's expense.

503.6.4 Unpermitted gates and barriers. Gates or barriers that have been installed without a permit shall be chained open or removed at the owner's expense until a permit and final approval have been obtained from the fire department.

Subsection 508.3 is hereby amended by the addition of the words double-underlined to read as follows:

508.3 Fire flow. Fire flow requirements for buildings or portions of buildings and facilities shall be determined in accordance with Appendix B.

Exception: Single family residential construction located within rural areas not within a city's growth management area or within a city boundary *should* be required to provide 500 gallons per minute at 20 psi.

Subsection 508.5 is hereby amended by the addition of the words double-underlined to read as follows:

508.5 Fire hydrant systems. Fire hydrant systems shall comply with Sections 508.5.1 through 508.5.8.

A new *Subsection 508.5.7* is hereby enacted to read as follows:

508.5.7 Fire hydrant spacing. Fire hydrants shall be spaced 600-feet apart for Group R-3 occupancies and 350 feet apart for all other occupancies.

Exceptions:

1. Single family residential construction located within rural areas not within a city's growth management area or within a city boundary shall be required have hydrants located within 500 feet of any portion of the structure.
2. Single family residential construction protected with a fire sprinkler system located within rural areas not within a city's growth management area or within a city boundary shall be required have hydrants located within 1 mile of any portion of the structure
3. *The Fire Official/A.H.J. is authorized to allow an alternate, approved means of water supply such as in the N.F.P.A. 1142 guideline.*

A new *Subsection 508.5.8* is hereby enacted to read as follows:

508.5.8 Fire Department Connections. A fire hydrant shall be located within 150-feet of a fire department connection.

A new *Subsection 512* is hereby enacted to read as follows:

SECTION 512 PUBLIC SAFETY RADIO AMPLIFICATION SYSTEMS

512.1 General. Public safety radio amplification systems for the enhancement of emergency services communications within buildings shall be designed, installed and maintained in accordance with this section.

512.2 Where required. Where adequate radio coverage cannot be established within a building, as defined by the fire code official, public safety radio amplification systems shall be installed in the following locations:

1. New buildings with a total building area greater than 50,000 square feet or building additions that cause the building to be greater than 50,000 square feet. For the purposes of this section, fire walls shall not be used to define separate buildings.
2. All new basements over 10,000 square feet.
3. Existing buildings meeting the criteria of Item #1 or 2 of this section undergoing alterations exceeding 50% of the aggregate area of the building.

Exception: One- and two-family dwellings and townhouses.

512.3 Design and installation standard. Public safety radio amplification systems shall be designed and installed in accordance with the criteria established by the fire code official based on the capabilities and communication features of emergency services.

512.4 Maintenance. Public safety radio amplification systems shall be maintained in an operative condition at all times and shall be replaced or repaired where defective.

Chapter 9 – Fire Protection Systems

A new *subsection 903.2.14* is hereby enacted to read as follows:

903.2.14 Dead-end roadways. An automatic fire sprinkler shall be installed in all Group R fire areas, other than single family detached residences, on a dead-end roadway when the dead-end is in excess of 400 feet.

Subsection 903.4.3 is hereby amended by the addition of the words double-underlined to read as follows:

903.4.3 Floor control valves. Approved supervised indicating control valves shall be provided at the point of connection to the riser on each floor in all multi-story structures.

Subsection 907.2.10.1.2 is hereby amended by the addition of the words double-underlined to read as follows:

907.2.10.1.2 Groups R-2, R-3, R-4 and I-1.
4. In all attached garages, an interconnected heat detector shall be installed.

A new *subsection 907.2.10.5* is hereby enacted to read as follows:

907.2.10.5 Exterior Strobe. An exterior strobe shall be provided on the exterior of all R-3 and R-4 occupancies in a location readily visible from the roadway fronting the structure. This strobe shall alarm upon activation of any smoke or heat detector.

Chapter 24 – Tents, Canopies and Other Membrane Structures

Subsection 2403.2 is hereby amended by the addition of the words double-underlined to read as follows:

2403.2 Approval required. Tents and membrane structures having an area in excess of 600 square feet (19 m²) and canopies in excess of 900 square feet (37 m²) shall not be erected, operated or maintained for any purpose without first obtaining a permit and approval from the fire code official

Chapter 33 – Explosives and Fireworks

Subsection 3301.1.3 is hereby amended by the addition of the words double-underlined to read as follows:

3301.1.3 Fireworks. The possession, manufacture, storage, sale, handling and use of fireworks are prohibited unless permitted by state or local laws.

Subsection 3301.1.3, Exception 4 is hereby amended to read as follows:

4. The possession, storage, sale, handling and use of Permissible Fireworks in accordance with the criteria established by the fire code official.

Section 3302 is hereby amended to add the following definition:

Permissible Fireworks. As defined in the Colorado Revised Statutes 12-28-101.

A new subsection 3309 is hereby enacted to read as follows:

Section 3309
Permissible Fireworks

3309.1 General. Permissible Fireworks use shall be as detailed in this section and in accordance with state and local laws.

3309.2 Use of Fireworks. The use of permissible fireworks shall be in accordance with subsections 3309.2.1 through 3309.2.4

3309.2.1 It shall be unlawful for any person to possess, store, offer for sale, expose for sale, sell at retail or use or discharge any fireworks, other than permissible fireworks.

3309.2.2 It shall be unlawful for any person to knowingly furnish to any person who is under sixteen years of age, by gift, sale, or any other means, any fireworks or permissible fireworks.

3309.2.3 It shall be unlawful for any person under sixteen years of age to purchase any fireworks including permissible fireworks.

3309.2.4 It shall be lawful for a person under the age of sixteen years to possess and discharge permissible fireworks if such person is under adult supervision throughout the act of possession and discharge.

Chapter 34 – Flammable and Combustible Liquids

Subsection 3404.2.13.1.4 is hereby repealed in its entirety.

Subsection 3404.2.9.5.1 is hereby amended by the addition of the words double-underlined and to read as follows:

3404.2.9.5.1 Locations where above-ground tanks are prohibited. Storage of Class I and II liquids in above-ground tanks outside of buildings is prohibited.

Exceptions:

1. Protected aboveground tank storage (UL 2085) not exceeding 1000 gallons in size per tank or more than 2000 gallons per site.
2. Aboveground storage tanks not exceeding 500 gallons for supply of emergency generators or fire pumps when approved by the fire code official.
3. Storage of Class I and II liquids in above-ground tanks outside of buildings located outside of a city's growth management area or a city boundary.

Subsection 3406.2.4 is hereby amended by the addition of the words double-underlined to read as follows:

3406.2.4 Permanent and temporary tanks. The capacity of permanent above-ground tanks containing Class I or II liquids shall not exceed 500 gallons. The capacity of temporary above-ground tanks containing Class I or II liquids shall not exceed 2,000 gallons unless a larger amount is approved in writing by the fire code official. Tanks shall be of the single-compartment design.

Exception:

1. Permanent above-ground tanks of greater capacity which meet the requirements of Section 3404.2
2. In rural areas not within a city's growth management area or within a city boundary the capacity of permanent above-ground tanks containing Class I or II liquids shall not exceed 1,100 gallons. The capacity of temporary above-ground tanks containing Class I or II liquids shall not exceed 2,000 gallons unless a larger amount is approved in writing by the fire code official.

Subsection 3406.2.4.4 is hereby repealed in its entirety.

Chapter 38 – Liquefied Petroleum Gases

Subsection 3804.2 is hereby amended by the addition of the words double-underlined to read as follows:

3804.2 Maximum capacity within established limits. Within the limits established by law restricting the storage of liquefied petroleum gas for the protection of heavily populated or congested areas, the aggregate capacity of any one installation shall not exceed a water capacity of 500 gallons.

Exception: In rural areas not within a city's growth management area or within a city boundary the aggregate capacity of any one installation shall not exceed a water capacity of 2,000 gallons.

Appendix

Only those appendix chapters of the International Fire Code listed herein are adopted as follows:

APPENDIX B, Fire-Flow Requirements for Buildings.

B105.2 – Exception: A reduction in required fire-flow of up to **50** percent, as approved, is allowed when the building is provided with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2. The resulting fire-flow shall not be less than 1,500 gallons per minute (5678 L/min) for the prescribed duration as specified in Table B105.1

APPENDIX C, Fire Hydrant Locations and Distribution.

APPENDIX D, Fire Apparatus Access Roads