

CHAPTER 4 Plumbing¹

Sec. 4-4-1. Colorado Plumbing Code; adoption by reference.

The Colorado Plumbing Code, established by the Colorado State Plumbing Board, 1560 Broadway, suite 1350, Denver, Colorado 80202, effective 4/14/2023 and as amended 12/15/2023 and published at 3 CCR 720-1, which includes portions of the 2021 Edition of the International Plumbing Code, published by the International Code Council, Inc. (March 2020), 4051 West Flossmoor Road, Country Club Hills, IL 60478, referred to as the "International Plumbing Code" or "I.P.C." and the 2021 Edition of the International Residential Code, published by the International Code Council, Inc. (January 2021), 4051 West Flossmoor Road, Country Club Hills, IL 60478, all as adopted by the Colorado State Plumbing Board, together with the minor codes entitled, "International Swimming Pool and Spa Code," 2021 Edition, published by the International Code Council, Inc. (2020), 4051 West Flossmoor Road., Country Club Hills, IL 60478 (I.S.P.S.C.) and NFPA 24 Standard for the Installation of Private Fire Service Mains and Their Appurtenances, 2013 Edition, published by the National Fire Protection Association (May 2012), One Batterymarch Park, P.O. Box 9101, Quincy, Massachusetts 02169-7471 (N.F.P.A.), are hereby adopted and enacted by reference, and made a part hereof as if set forth in full; provided, however, that the following portions of the Colorado Plumbing Code are not adopted and are expressly deleted:

Sections 1.2 D. 6. Fee Establishment and 7. Information Only Sections.

Sections 1.2 E. 1. b. IPC Section 106.5 Permit issuance, p. IPC Section 312.9 Shower liner test, y. IPC Section 504.6.1 Collection of Relief Valve Discharge Exceptions 1 and 2, and aa. IPC Section 504.7 Required pan.

Section 1.2 E. 2. a. IRC Section 105.1 Required, j. IRC Section P2503.6 Shower liner test, t. IRC Section P2801.6 Required pan, u. IRC Section 2803.6.2 Collection of Relief Valve Discharge Exceptions 1 and 2, and uu. IRC Section P3008.1 Where required (backwater valves).

In addition, Chapters 1 Scope and Administration, 4 Public Swimming Pools, 5 Public Spas and Public Exercise Spas, 6 Aquatic Recreation Facilities, 7 On ground Storable Residential Swimming Pools, and 9 Permanent Residential Spas and Permanent Residential Exercise Spas of the I.S.P.S.C. are not adopted and are expressly deleted.

Copies of these codes are available in the office of the Pueblo Regional Building Department for distribution and sale to the public. All plumbing and drainage pipes, equipment and systems or parts thereof within the City shall be regulated by and installed, constructed, altered and repaired in conformance with the terms and provisions of this Chapter and the Colorado Plumbing Code as adopted herein.

Sec. 4-4-2 Amendments to Colorado plumbing code, section 1.2 e.1. to add following:

Section 103.1 Creation of Agency of the I.P.C. is amended and adopted to read as follows:

103.1 Pueblo Regional Building Department - Enforcement Agency: Administration and enforcement of this code and all related and secondary codes are hereby delegated to the Pueblo Regional Building Department. Wherever in this code the phrase "Building Official" appears, it shall be construed to refer to the Building Official of the Pueblo Regional Building Department or the Building Official's designated representative. The Building Official, the Building Official's designated representatives, and such plumbing

¹Ord. No. 9965 §3, adopted July 12, 2021, repealed the headings, only, of Arts. I and II, which pertained to plumbing and exclusions, respectively.

inspectors as the Building Official may appoint, shall be vested with the authority of a law enforcement officer with respect to enforcing this code and Chapter 4 of Title IV of the Pueblo Municipal Code, including the authority to issue summons and complaints for the violation thereof.

Section 109 Fees of the I.P.C. is hereby adopted.

vvv. Section 202 General Definitions of the I.P.C. is amended to revise the definition of plumbing system to provide as follows:

PLUMBING SYSTEM. A system that includes the water distribution pipes; plumbing fixtures and traps; water-treating or water-using equipment; soil, waste and vent pipes; and building drains; in addition to their respective connections, devices and appurtenances within a structure or premises; and the water service, building sewer and building storm sewer serving such structure or premises. This includes all portions of private water mains, sewer mains, storm sewer and fire mains.

www. Section 305.4 Freezing of the I.P.C. is amended to read as follows:

305.4 Freezing. Water, soil and waste pipes shall not be installed outside of a building, in attics or crawl spaces, concealed in outside walls, or in any other place subjected to freezing temperatures unless adequate provision is made to protect such pipes from freezing by insulation or heat or both. Exterior water supply system piping shall be installed not less than forty-eight (48) inches below grade.

xxx. Section 305.4.1 Sewer depth of the I.P.C. is amended to read as follows:

305.4.1 Sewer Depth. Building sewers that connect to private sewage disposal systems shall be installed not less than twelve (12) inches below finished grade at the point of septic tank connection. Building sewers shall be installed not less than twelve (12) inches below grade.

yyy. Section 306.3 Backfilling of the I.P.C. is amended to add a subsection as follows:

306.3.1 Time to Backfill. Backfilling shall be completed within seventy-two (72) hours after approved inspection.

zzz. Table 403.1 of the I.P.C. is amended to add Footnote g as follows:

g. Mop sinks or service sinks shall not be installed in restrooms.

aaaa. Subsection 405.3.1 of the I.P.C., entitled "Water closets, urinals, lavatories and bidets," is amended by the addition of a paragraph to read as follows:

Where more than one (1) water closet or water closets and urinals are installed in a room, they shall be separated by an approved partition wall. Urinals set next to each other or another fixture shall have an approved splash guard.

bbbb. Section 605.3 Water service pipe of the I.P.C. is amended by the addition of the following exception to read as follows:

EXCEPTION: All new or replaced water service piping smaller than two (2) inches (51 mm) from the main to the meter shall be no lighter than Type L Copper or PEX, PE-AL-PE, and PEX-AL- PEX pipe. A blue fourteen (14)-gauge tracer wire shall be installed with all nonmetallic water services. All service piping two (2) inches (51 mm) or larger shall be Type K Copper, Class 50 or Ductile Iron, Class 150 Asbestos Cement, or PVC American Water Works Association approved pressure pipe or other approved material. Water service piping shall be installed to a minimum of forty-eight (48) inches (1219.2 mm) depth from the top of the pipe.

cccc. Section 608.1 General of the I.P.C. is amended by the following addition:

All new or remodeled public buildings shall have a reduced pressure-type backflow preventer installed on the water service supplying such buildings or any portion thereof.

dddd. Section 701.2 Connection to Sewer Required is amended by the addition of a new Section to read as follows:

701.2.1 Connections. Taps made to existing sanitary sewers for building sewers draining into the existing sanitary sewer system of the City shall be made by an approved mechanical cutting device and an approved saddle or by removing a section of sewer pipe, and the installation of a new pipe section or sections with a wye fitting and an approved coupling to make the joint at the juncture of the new pipe with the existing system. Such work shall be done by either a Plumbing Contractor or Plumbing Utility Contractor who is licensed to do such work as provided by Title IV, Chapter 1 of the Pueblo Municipal Code. Connections to new sanitary sewers or newly repaired sanitary systems and installations of building sewers from the main sewer to the building drain shall be installed by a Plumbing Contractor or a Plumbing Utility Contractor who is licensed to do such work. When a sewer main is installed in the street or alley right-of-way, the building sewer, as defined in this code, shall be installed to the property line and properly marked with magnetic ductile tape for the full length of said sewer line. Building sewers, including each tap and wye, shall be inspected by personnel of either the Pueblo Regional Building Department or the City Department of Wastewater.

eeee. Section 903.1.1 Roof extension unprotected of the I.P.C. is amended to read as follows:

903.1.1 Roof extension unprotected. Open vent pipes that extend through a roof shall be terminated not less than six (6) inches above the roof.

ffff. Section 904.1.1 Installation of the I.P.C. is deleted in its entirety.

gggg. Section 903.2 Frost Closure of the I.P.C. is deleted in its entirety.

hhhh. Section 904.1.2 Size of the I.P.C., is amended to read as follows:

904.1.2 Size. The required vent size shall not be less than the aggregate cross-sectional area of the largest required building drain.

iiii. Section 918.3 Where Permitted of the I.P.C. is amended to read as follows:

918.3 Where permitted. Air Admittance Valves may be permitted for use on fixtures located on the same floor at the following locations: Islands, Peninsulas, under windows, at bearing walls and other applications where conventional venting methods are not possible due to the existing constructions and structural locations.

jjjj. Chapter 12 Special Piping and Storage Systems of the I.P.C. is deleted in its entirety.

kkkk. Appendix E Sizing of Water Piping System of the I.P.C. is deleted in its entirety.

(Ord. No. 8891 §2, 7-13-15; Ord. No. 9965 §2, 7-12-21; Ord. No. 10684 §2, 4-8-2024)

Editor's note(s)—Ord. No. 8891 §2, adopted July 13, 2015, repealed §4-4-2 and enacted a new section as set out herein. The former §4-4-2 pertained to amendments to the Uniform Plumbing Code and derived from Ord. No. 8154 §2, adopted March 22, 2010.

Sec. 4-4-3. Amendments to minor codes.

(a) Section 3.2.2 Authority Having Jurisdiction of the N.F.P.A., is amended to read as follows:

3.2.2 Authority Having Jurisdiction. This phrase shall mean administration and enforcement of this code and all related codes are delegated to the Pueblo Regional Building Department.

(Ord. No. 5603, 6-11-90; Ord. No. 6300 §3, 3-23-98; Ord. No. 7201 §3, 9-13-04; Ord. No. 8154 §3, 3-22-10; Ord. No. 8891 §3, 7-13-15)

Sec. 4-4-4. Interpretation of the Colorado Plumbing Code.

Wherever in the Colorado Plumbing Code it is provided that anything must be done to the approval of or subject to the direction of the authority having jurisdiction, this shall be construed to give such officer only the discretion to determine whether the rules and standards established by the Colorado Plumbing Code have been complied with; and no such provision shall be construed as giving any officer discretionary powers as to what such regulations or standards shall be, or power to require conditions not prescribed by the Colorado Plumbing Code or to enforce the provisions of the Colorado Plumbing Code in an arbitrary or discriminatory manner.

Sec. 4-4-5. Exclusions for Water Board.

This Chapter shall not be construed to interfere with the Pueblo Board of Water Works to install and repair of water mains in the City, to install or repair water meters, water service lines and appurtenances, or to inspect property to protect the public water supply, to insure delivery of water which is free from potential backflow and cross-connection hazards, to detect waste or theft of potable water and to set water rates. Neither a license nor permits shall be required for the Board of Water Works or its employees to do such work.

Sec. 4-4-6. Reserved.

Sec. 4-4-7. Domestic appliances.

- (a) For the purpose of this Code, the term domestic appliance shall include apparatus and equipment used for household purposes where the same are connected to the water supply system and are not connected to a drainage system. Included, without limiting the generality of the foregoing, are washing machines, dishwashing machines, lawn sprinkling systems, humidifiers and ice cube makers.
 - (1) The term water heating appliances shall include those having a heating capacity not in excess of two hundred (200) gallons per hour, based on a temperature rise of sixty degrees (60°) per hour, other than those used for building heating purposes exclusively.
 - (2) The term water conditioning appliances shall include equipment which is designed to soften or otherwise treat water but is not connected to a drainage system.
 - (3) The term connection to a water supply system shall not be construed to include connections to existing faucets.
- (b) Any person who shall make a connection to a water supply system for the purpose of installing, altering or repairing any appliance as defined in this Section shall be licensed as a "water connected appliance contractor" as provided in Article III, Chapter 1 of Title IV of this Code.
- (c) All connections made to a water supply system for the purpose of installing, altering or repairing water service pipes, domestic appliances, water heating appliances and water conditioning appliances as herein defined shall be made in conformance with all other provisions of this Code.
- (d) In all cases where a permit shall have been obtained for another purpose directly connected with the installation, alteration or repair of such appliance, it shall not be required that a separate permit be obtained under the provisions of this Chapter; provided; however, that in any case wherein a permit is not required for other purposes in the installation, alteration or repair of such appliance, a permit for such installation, alteration or repair shall be obtained under the provisions of this Chapter.

(1957 Code, §9-55.1; Ord. No. 4095, 10-27-75; Ord. No. 5312, 4-28-86; Ord. No. 5603, 6-11-90; Ord. No. 8154 §6, 3-22-10)

Sec. 4-4-8. Plumbing utility contractor.

It shall be unlawful for any person not registered as a plumbing contractor to engage in the business of a plumbing utility contractor without first being licensed by the Plumbing Board of Appeals. A plumbing utility contractor includes any person who engages in the business of installing one (1) or more of the following: water service lines, building sewers, private fire mains and similar installations. A person may be licensed to install one (1) or more of such items, but in no event shall such license authorize the licensee to install waste, drain or venting piping. A person licensed as a plumbing contractor or master plumber by the State may be licensed as a plumbing utility contractor to install water service lines and/or building sewers without examination. In addition, the plumbing utility contractor shall comply with all requirements of the City Department of Public Works.

Sec. 4-4-9. Offenses; criminal penalties; permit revocation; other enforcement.

- (a) It shall be unlawful for any person to knowingly violate, disobey, omit, neglect, refuse or fail to comply with or resist the enforcement of any provision of this Chapter or of the Colorado Plumbing Code.
- (b) It shall be unlawful for any person to refuse or fail to timely comply with an order issued by the Building Official or other designated plumbing inspector pursuant to the provisions of this Chapter or the Colorado Plumbing Code.
- (c) It shall be unlawful for any person to knowingly make any false statement, representation or certification in any application, record, report, plan or other document filed or required to be maintained pursuant to any requirement of this Chapter or the Colorado Plumbing Code.
- (d) Any permit issued pursuant to the provisions of this Chapter or the Colorado Plumbing Code may be suspended, terminated or revoked by the Building Official for any of the reasons stated in Section 106.5.5 of the International Plumbing Code, or (2) any material violation of the terms of said permit or requirements applicable thereto.
- (e) In the event any owner or occupant of premises within the City shall refuse entry to the Building Official or any plumbing inspector, or if any premises are locked and the Building Official or any plumbing inspector has been unable to obtain permission of the owner or occupant to enter, the Pueblo Municipal Court is authorized to issue a search or inspection warrant authorizing such entry in accordance with the procedures set forth in the Colorado Municipal Court Rules of Procedure.
- (f) In the event any owner or occupant of premises within the City, or any licensed contractor or any permittee, shall fail or refuse to comply with any provision of this Chapter, the Colorado Plumbing Code or any license or permit issued thereunder, the City may initiate an action for injunctive relief in any court of competent jurisdiction to compel compliance with this Chapter or the Colorado Plumbing Code, license or permit.
- (g) The enforcement remedies in this Section are expressly declared to be cumulative, and the exercise of any one (1) or more of them is not dependent upon the exercise of any other remedy, nor does the exercise of any one (1) or more of them constitute any bar or limitation to the exercise of any other.

(Ord. No. 6300, 3-23-98; Ord. No. 6590, 9-25-00; Ord. No. 7201 §6, 9-13-04; Ord. No. 7937 §7, 12-8-08; Ord. No. 8154 §7, 3-22-10; Ord. No. 8891 §5, 7-13-15; Ord. No. 9239 §8, 2-26-18; Ord. No. 10684 §4, 4-8-2024)