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**IDAPA 07
TITLE 02
CHAPTER 06**

07.02.06 - RULES CONCERNING UNIFORM PLUMBING CODE

000. LEGAL AUTHORITY.

In accordance with Section 54-2605(1), Idaho Code, the Idaho Plumbing Board shall make, promulgate, and publish such rules as may be necessary for carrying out the provisions of this act in order to effectuate the purposes thereof and for the orderly and efficient administration thereof, and except as may be limited or prohibited by law and the provisions of this act, such rules so made and promulgated shall have the force of statute. (2-26-93)

001. TITLE AND SCOPE.

These rules shall be cited as IDAPA 07.02.06, "Rules Concerning Uniform Plumbing Code," Division of Building Safety. These rules prescribe the use of the Uniform Plumbing Code. (2-26-93)

002. WRITTEN INTERPRETATIONS.

This agency has no written interpretations of this chapter. (2-26-93)

003. ADMINISTRATIVE APPEALS.

This chapter does not provide for administrative relief of the provisions contained herein. (2-26-93)

004. -- 010. (RESERVED)

011. ADOPTION AND INCORPORATION BY REFERENCE OF THE 2003 UNIFORM PLUMBING CODE.

The 2003 Uniform Plumbing Code including Appendices "A, B, D, E, G, H, I, J, and L," (herein U.P.C.) is adopted and incorporated by reference with the following amendments. The 2003 Uniform Plumbing Code is available at the Division of Building Safety, 1090 E. Watertower St., Suite 150, Meridian, Idaho 83642; and at the Division of Building Safety, 1250 Ironwood Dr., Ste. 220, Coeur d'Alene, Idaho 83814. (4-6-05)

01. Section 218. Delete definition of "Plumbing System." Incorporate definition of "Plumbing System" as set forth in Section 54-2604, Idaho Code. (3-15-02)

02. Section 316.1.6. PVC DWV may be joined by the use of one-step solvent cement listed or labeled per U.P.C. Section 301.1.1. (4-6-05)

03. Section 402.3.1. Nonwater Urinals. Where nonwater urinals are installed they shall be listed and comply with the applicable standards referenced in Table 14-1. Nonwater urinals shall have a barrier liquid sealant to maintain a trap seal. Nonwater urinals shall permit the unimpeded flow of waste through the urinal to the sanitary drainage system. Nonwater urinals shall be cleaned and maintained in accordance with the manufacturer's instructions. Where nonwater urinals are installed they shall have a water distribution line rough-in to the urinal location to allow for the installation of an approved backflow prevention device in the event of a retrofit. (5-8-09)

04. Section 420.0. Pressure balance or thermostatic mixing valves are not required for high flow (over eight (8) g.p.m.) tub filler valves with hand shower sets attached. (3-15-02)

05. Section 421.0. Delete. (4-6-05)

06. Section 604.1. Materials. Crosslinked Polyethylene (PEX) Tubing manufactured to ASTM – F876/F877 and tested, approved, and listed to ANSI/NSF 14 and 61, for potable water along with all applicable installation standards may be used for hot and cold water distribution systems within a building or cold water distribution systems outside of a building. Listed PE (polyethylene) water service and yard piping may be installed within a building (above ground and below ground) with one (1) joint, provided that only listed and approved metallic transition fittings shall be used. (4-6-05)

07. Section 609.4. Testing. Deleting the phrase "Except for plastic piping," at the beginning of the third sentence and add the following sentence at the end of the section: Plastic piping is to be tested in accordance with

- manufacturer's installation standards. (4-6-05)
- 08. Section 609.10. Water hammer.** Does not apply to residential construction. (7-1-98)
- 09. Table 6-4 and Table A-2.** Change fixture unit loading value for bathtub or combination bath/shower, and clothes washers to two (2) fixture units. (3-15-02)
- 10. Section 610.2.** All new one (1) and two (2) family residences must have a pre-plumbed water softener loop. The kitchen sink must have one (1) hot soft line and one (1) cold soft line and one (1) cold hard line. Exterior cold hose bibbs intended for irrigation purposes must be piped with hard water. (3-30-07)
- 11. Section 611.4. Sizing of Residential Softeners.** Amend Footnote 3 to read: Over four (4) bathroom groups, softeners shall be sized according to the manufacturer's standards. (4-6-05)
- 12. Table 7-3.** Maximum unit loading and maximum length of drainage and vent piping. (EXCEPTION) The building drain and building sewer is not less than four (4) inches extending from its connection with the city or private sewer system and shall run full size to inside the foundation or building lines (ref: Section 717.0). Change fixture unit loading value for clothes washers, domestic to two (2) fixture units. (3-15-02)
- 13. Section 703.1 - Underground Drainage and Vent Piping.** No portion of the drainage or vent system installed underground, underground under concrete or below a basement or cellar shall be less than two (2) inches in diameter. (3-15-02)
- 14. Section 703.2 and 710.5. Add Exception.** In single family dwellings, one (1) fixture unit may be allowed for each gallon per minute of flow from a pump or a sump ejector. (3-15-02)
- 15. Section 704.2.** Two inch (2") and smaller double sanitary tees may be used for back to back or side by side fixture trap arms without increasing the barrel size. (4-6-05)
- 16. Section 704.3.** Delete. (5-3-03)
- 17. Table 7-5.** Change fixture unit loading value for one and a half (1 1/2) inch horizontal drainage to two (2) fixture units. (7-1-98)
- 18. Section 707.4 Cleanouts.** A full-sized accessible cleanout shall be installed in the vertical immediately above the floor or at the base of each waste or soil stack. A full-size cleanout extending to or above finished grade line shall be installed at the junction of the building drain and the building sewer (ref.: Section 719.1). Cleanouts shall be installed at fifty (50) foot intervals in horizontal drain lines two (2) inches or smaller. (3-15-02)
- 19. Section 712.1.** In the first sentence, delete the phrase "except that plastic pipe shall not be tested with air." (4-6-05)
- 20. Section 801.2.3.** Add: Food preparation sinks, pot sinks, scullery sinks, dishwashing sinks, silverware sinks, commercial dishwashing machines, silverware-washing machines, steam kettles, potato peelers, ice cream dipper wells, and other similar equipment and fixtures must be indirectly connected to the drainage system by means of an air gap. The piping from the equipment to the receptor must not be smaller than the drain on the unit, but it must not be smaller than one (1) inch (twenty-five and four tenths (25.4) mm). (5-3-03)
- 21. Section 801.4. Drains.** Provisions must be made for the discharge of the water softener to terminate in an approved location. The drain line for a water softener must be three-fourths (3/4) inch minimum. A washer box with a dual outlet is an approved location as long as it is on the same floor or one (1) floor below the softener unit and the water softener drain line is a minimum three-fourths (3/4) inch. (3-30-07)
- 22. Section 807.4.** A domestic dishwashing machine may be installed without the use of an airgap if the drain hose is looped to the bottom side of the counter top and secured properly. (3-15-02)
- 23. Section 906.1.** Delete the existing provision and replace with the following: (4-2-08)

- a.** Roof venting. When conventional roof venting is utilized, each vent pipe or stack shall extend through its flashing and shall terminate vertically not less than six (6) inches (one hundred fifty-two (152) mm) above the roof nor less than one (1) foot (three hundred five (305) mm) from any vertical surface. (4-2-08)
- b.** Sidewall venting. When sidewall venting is utilized, the vent shall extend flush with the eaves/gable end, shall turn down using a ninety (90) degree ell, and shall terminate as close to the roof peak as possible. The vent end must be properly screened. Sidewall venting is acceptable on new or remodel construction on cabins, log homes, and residential or commercial buildings. (4-2-08)
- c.** Sidewall venting must meet the intent of Section 906.2 of the UPC. (4-2-08)
- 24. Section 908. Exception - Vertical Wet Venting.** A horizontal wet vent may be created provided it is created in a vertical position and all other requirements of Section 908 of the UPC are met. (7-1-98)
- 25. Section 909.0.** Add: Parameters for the limited use of Air Admittance Valves (A.A.V.). (4-2-08)
- a.** An A.A.V. may be used only in residential buildings. (4-2-08)
- b.** In remodels, an A.A.V. may be used with island fixtures or remotely located sinks such as in bar, kitchen, or laundry tray locations. An A.A.V. shall not be used in bathroom groups. (4-2-08)
- c.** In new construction, an A.A.V. may be used on island fixture sinks. (4-2-08)
- d.** Each A.A.V. may be used to vent only one (1) floor. (4-2-08)
- e.** Each A.A.V. must be readily accessible. (4-2-08)
- f.** The cross-sectional area of venting must remain the same and must meet the largest required building drain. (4-2-08)
- g.** An A.A.V. shall only be installed in accordance with the manufacturer's installation standards as per ASSE 1051. (4-2-08)
- h.** An A.A.V. may not be used in an attic, crawl space, outside installation, or in connection with chemical or acid waste systems. (4-2-08)
- 26. Section 1002.3.** Trap arms may not exceed one hundred eighty (180) degrees of horizontal turn without the use of a cleanout. (3-15-02)
- 012. -- 999. (RESERVED)**

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