

***BUSINESS COMMITTEE***

**IDAPA 07 - DIVISION OF BUILDING SAFETY**

**07.02.06 - RULES CONCERNING UNIFORM PLUMBING CODE**

**DOCKET NO. 07-0206-0801**

**NOTICE OF RULEMAKING - ADOPTION OF PENDING RULE**

**EFFECTIVE DATE:** This rule has been adopted by the agency and is now pending review by the 2009 Idaho State Legislature for final approval. The pending rule becomes final and effective at the conclusion of the legislative session, unless the rule is approved, rejected, amended or modified by concurrent resolution in accordance with Section 67-5224 and 67-5291, Idaho Code. If the pending rule is approved, amended or modified by concurrent resolution, the rule becomes final and effective upon adoption of the concurrent resolution or upon the date specified in the concurrent resolution.

**AUTHORITY:** In compliance with Section 67-5224, Idaho Code, notice is hereby given that this agency has adopted a pending rule. The action is authorized pursuant to Section 54-2606, Idaho Code.

**DESCRIPTIVE SUMMARY:** The following is a concise explanatory statement of the reasons for adopting the pending rule and a statement of any change between the text of the proposed rule and the text of the pending rule with an explanation of the reasons for the change:

**There are no changes to the pending rule, therefore, it is being adopted as proposed. The complete text of the proposed rule was published in the September 3, 2008 Idaho Administrative Bulletin, Vol. 08-9, pages 28 through 31.**

**FISCAL IMPACT:** The following is a specific description, if applicable, of any negative fiscal impact on the state general fund greater than ten thousand dollars (\$10,000) during the fiscal year:  
N/A

**ASSISTANCE ON TECHNICAL QUESTIONS:** For assistance on technical questions concerning this pending rule, contact Steve Keys, Deputy Administrator - Operations, (208) 332-8986.

DATED this 25th day of September, 2008.

Steve Keys, Deputy Administrator - Operations  
Division of Building Safety  
1090 E. Watertower St.  
Meridian, ID 83642  
Phone: (208) 332-8986  
Fax: (208) 855-2164

***THE FOLLOWING NOTICE WAS PUBLISHED WITH THE PROPOSED RULE***

## ***BUSINESS COMMITTEE***

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***DIVISION OF BUILDING SAFETY  
Rules Concerning Uniform Plumbing Code***

***Docket No. 07-0206-0801  
PENDING RULE***

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**AUTHORITY:** In compliance with Section 67-5221(1), Idaho Code, notice is hereby given that this agency has initiated proposed rulemaking procedures. The action is authorized pursuant to Section 54-2606, Idaho Code.

**PUBLIC HEARING SCHEDULE:** Public hearing(s) concerning this rulemaking will be scheduled if requested in writing by twenty-five (25) persons, a political subdivision, or an agency, not later than September 17, 2008.

The hearing site(s) will be accessible to persons with disabilities. Requests for accommodation must be made not later than five (5) days prior to the hearing, to the agency address below.

**DESCRIPTIVE SUMMARY:** The following is a nontechnical explanation of the substance and purpose of the proposed rulemaking:

**The Uniform Plumbing Code only expressly addresses standard water-flush urinals. The Idaho Plumbing Board has determined that technology has advanced to the point where "nonwater urinals" using chemicals are an acceptable alternative, thereby conserving substantial quantities of water. This rulemaking provides an amendment to the Uniform Plumbing Code authorizing the use of nonwater urinals where appropriate and authorizes the installation and use of nonwater urinals under certain conditions and requirements. The rulemaking also requires the installation of a standard water distribution line for the urinal location in the event of a future retrofit.**

**FEE SUMMARY:** The following is a specific description of the fee or charge imposed or increased: N/A

**FISCAL IMPACT:** The following is a specific description, if applicable, of any negative fiscal impact on the state general fund greater than ten thousand dollars (\$10,000) during the fiscal year resulting from this rulemaking: None.

**NEGOTIATED RULEMAKING:** Pursuant to Section 67-5220(2), Idaho Code, negotiated rulemaking was not conducted because of the simple nature of the proposed rule change.

**ASSISTANCE ON TECHNICAL QUESTIONS, SUBMISSION OF WRITTEN COMMENTS:** For assistance on technical questions concerning the proposed rule, contact Steve Keys, Deputy Administrator - Operations, (208) 332-8986.

Anyone may submit written comments regarding this proposed rulemaking. All written comments must be directed to the undersigned and must be delivered on or before September 24, 2008.

DATED this 11th day of July, 2008.

***THE FOLLOWING IS THE TEXT OF THE PENDING RULE***

## BUSINESS COMMITTEE

**DIVISION OF BUILDING SAFETY**  
**Rules Concerning Uniform Plumbing Code**

**Docket No. 07-0206-0801**  
**PENDING RULE**

### **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., 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. ( )

**034.** **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)

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

**056.** **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)

**067.** **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)

**078.** **Section 609.10.** Water hammer. Does not apply to residential construction. (7-1-98)

**089.** **Table 6-4 and Table A-2.** Change fixture unit loading value for bathtub or combination bath/shower, and clotheswashers to two (2) fixture units. (3-15-02)

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**109.** **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)

**101.** **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)

**112.** **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 clotheswashers, domestic to two (2) fixture units. (3-15-02)

**123.** **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)

**134.** **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)

**145.** **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)

**156.** **Section 704.3.** Delete. (5-3-03)

**167.** **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)

**178.** **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)

**189.** **Section 712.1.** In the first sentence, delete the phrase "except that plastic pipe shall not be tested with air." (4-6-05)

**1920.** **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)

**201.** **Section 801.4. Drains.** Provisions must be made for the discharge of the water

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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)

**242. 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)

**223. 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)

**234. 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)

**245. 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

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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)

**256. 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)