

Dear Senators PATRICK, Guthrie, Ward-Engelking, and
Representatives BARBIERI, Clow, Smith:

The Legislative Services Office, Research and Legislation, has received the enclosed rules of the
Division of Building Safety:

IDAPA 07.02.06 - Rules Concerning Idaho State Plumbing Code - Proposed Rule (Docket No.
07-0206-1702).

Pursuant to Section 67-454, Idaho Code, a meeting on the enclosed rules may be called by the
cochairmen or by two (2) or more members of the subcommittee giving oral or written notice to Research
and Legislation no later than fourteen (14) days after receipt of the rules' analysis from Legislative
Services. The final date to call a meeting on the enclosed rules is no later than 08/21/2018. If a meeting is
called, the subcommittee must hold the meeting within forty-two (42) days of receipt of the rules' analysis
from Legislative Services. The final date to hold a meeting on the enclosed rules is 09/18/2018.

The germane joint subcommittee may request a statement of economic impact with respect to a
proposed rule by notifying Research and Legislation. There is no time limit on requesting this statement,
and it may be requested whether or not a meeting on the proposed rule is called or after a meeting has
been held.

To notify Research and Legislation, call 334-4834, or send a written request to the address on the
memorandum attached below.



Eric Milstead
Director

Legislative Services Office

Idaho State Legislature

Serving Idaho's Citizen Legislature

MEMORANDUM

TO: Rules Review Subcommittee of the Senate Commerce & Human Resources Committee and the House Business Committee

FROM: Principal Legislative Research Analyst - Ryan Bush

DATE: August 02, 2018

SUBJECT: Division of Building Safety

IDAPA 07.02.06 - Rules Concerning Idaho State Plumbing Code - Proposed Rule (Docket No. 07-0206-1702)

Summary and Stated Reasons for the Rule

This proposed rule change by the Division of Building Safety revises various portions of the Idaho State Plumbing Code (ISPC) that are incorporated by reference. This rulemaking makes the following changes to the ISPC: 1) Adds a table for calculating first hour ratings using the U.S. Department of Energy's revised method for determining ratings; 2) Allows water closets to act as cleanouts and requires installation of exterior, two-way cleanouts; and 3) Requires the potable water supply to beverage dispensers and coffee machines be protected by an air gap or vented backflow preventer.

Negotiated Rulemaking / Fiscal Impact

Negotiated rulemaking was conducted and Notice of Intent to Promulgate Rules was published in the October 2017, February 2018 and May 2018 editions of the Idaho Administrative Bulletin. There is no fiscal impact associated with this rulemaking.

Statutory Authority

The proposed rule appears to be within the statutory authority granted to the Division in Section 54-2606, Idaho Code.

cc: Division of Building Safety
Patrick Grace

*** PLEASE NOTE ***

Per the Idaho Constitution, all administrative rules must be reviewed by the Legislature during the next legislative session. The Legislature has 3 options with this rulemaking docket: **1)** Approve the docket in its entirety; **2)** Reject the docket in its entirety; or **3)** Reject the docket in part.

Kristin Ford, Manager
Research & Legislation

Paul Headlee, Manager
Budget & Policy Analysis

April Renfro, Manager
Legislative Audits

Glenn Harris, Manager
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IDAPA 07 – DIVISION OF BUILDING SAFETY
07.02.06 – RULES CONCERNING IDAHO STATE PLUMBING CODE
DOCKET NO. 07-0206-1702
NOTICE OF RULEMAKING – PROPOSED RULE

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 August 15, 2018.

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:

Section 603.5.12 of the 2017 Idaho State Plumbing Code (ISPC) requires potable water supply to beverage dispensers or coffee machines to be protected by an air gap or reduced pressure principle backflow prevention assembly. Installation of a reduced pressure principle backflow prevention assembly is not necessary to protect potable water supply to beverage dispensers or coffee machines because beverage dispensers and coffee machines are not considered highly hazardous. Allowing installation of vented backflow preventers instead of reduced pressure principle backflow prevention assemblies on beverage dispensers and coffee machines will result in significant cost savings for consumers installing beverage dispensers or coffee machines.

Due to the difficulty of complying with a restriction on installing cleanouts under the floor, residential builders are increasingly installing large cleanouts above the floor. Plumbers, builders, and home buyers have complained about the aesthetics of large cleanouts installed above the floor.

In 2016, the U.S. Department of Energy changed its method for determining the first hour rating (number of gallons required) of residential water heaters, resulting in revised ratings. Manufacturers were required to display the revised ratings starting in June 2017. Revising the ratings in Table 501.1(1) of the 2017 ISPC to reflect the new method for determining ratings will allow plumbing contractors and inspectors to easily match the ratings on manufacturer displays with the ratings in Table 501.1(1).

This rulemaking revises Section 603.5.12 to require potable water supply to beverage dispensers or coffee machines to be protected by an air gap or vented backflow preventer. This rulemaking also revises Section 707.4 of the 2017 ISPC to allow water closets to act as cleanouts and require installation of exterior, two-way cleanouts. Finally, this rulemaking replaces the first hour ratings currently in Table 501.1(1) with ratings calculated using the U.S. Department of Energy's revised method for determining ratings.

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: N/A

NEGOTIATED RULEMAKING: Pursuant to Section 67-5220(1), Idaho Code, negotiated rulemaking was conducted. The Notice of Intent to Promulgate Rules - Negotiated Rulemaking was published in the October 4, 2017 Idaho Administrative Bulletin, [Vol. 17-10, pages 45-46](#), in the February 7, 2018 Administrative Bulletin, [Vol. 18-2, pages 22-23](#), and in the May 2, 2018 Administrative Bulletin, [Vol. 18-5, pages 45-46](#).

INCORPORATION BY REFERENCE: Pursuant to Section 67-5229(2)(a), Idaho Code, the following is a brief synopsis of why the materials cited are being incorporated by reference into this rule:

Section 603.5.12 of the 2017 Idaho State Plumbing Code (ISPC) requires potable water supply to beverage dispensers or coffee machines to be protected by an air gap or reduced pressure principle backflow prevention assembly. This rulemaking revises Section 603.5.12 to require potable water supply to beverage dispensers or coffee machines to be protected by an air gap or vented backflow preventer.

This rulemaking revises Section 707.4 of the 2017 ISPC to allow water closets to act as cleanouts and require installation of exterior, two-way cleanouts.

This rulemaking replaces the first hour ratings currently in Table 501.1(1) of the 2017 ISPC with ratings calculated using the U.S. Department of Energy's revised method for determining ratings.

ASSISTANCE ON TECHNICAL QUESTIONS, SUBMISSION OF WRITTEN COMMENTS: For assistance on technical questions concerning the proposed rule, contact John Nielsen, Plumbing Program Manager, at (208) 332-7112.

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 August 22, 2018.

DATED this 6th day of July 2018.

Ron Whitney, Deputy Administrator
Division of Building Safety
1090 E. Watertower St., Ste. 150
P. O. Box 83720
Meridian, ID 83642
Phone: (208) 332-7150
Fax: (877) 810-2840

**THE FOLLOWING IS THE PROPOSED TEXT OF DOCKET NO. 07-0206-1702
(Only Those Sections With Amendments Are Shown.)**

011. ADOPTION AND INCORPORATION BY REFERENCE OF THE IDAHO STATE PLUMBING CODE.

The Idaho State Plumbing Code published in 2017, including Appendices "A, B, C, D, E, G, I, J, K and L," (herein ISPC) is adopted and incorporated by reference with amendments as prescribed by the Idaho Plumbing Board and contained in this Section. The Idaho State Plumbing Code is modeled after the 2015 Uniform Plumbing Code (UPC). The Idaho State Plumbing Code is available at the Division of Building Safety offices located at 1090 E. Watertower St., Suite 150, Meridian, Idaho 83642; 1250 Ironwood Dr., Ste. 220, Coeur d'Alene, Idaho 83814; and 2055 Garrett Way, Building 1, Suite 4, Pocatello, Idaho 83201. It may also be accessed electronically online at <http://dbs.idaho.gov/>. (3-29-17)

01. Section 105.3 Testing of Systems. (3-29-17)

a. Delete and replace the following: Plumbing systems shall be tested and approved in accordance with this code or the Authority Having Jurisdiction. Tests may be conducted in the presence of the Authority Having Jurisdiction or the Authority Having Jurisdiction's duly appointed representative. (3-29-17)

b. No test or inspection shall be required where a plumbing system, or part thereof, is set up for exhibition purposes and has no connection with a water or drainage system. In cases where it would be impractical to provide the required water or air tests, or the presences of the Authority Having Jurisdiction, or for minor installations and repairs, the Authority Having Jurisdiction, in accordance with procedures established thereby, shall be permitted to make such inspection as deemed advisable in accordance with the intent of this code. Joints and connections in the plumbing system shall be gastight and watertight for the pressures required by the test. (3-29-17)

02. Section 218 Definitions. Delete definition of “Plumbing System.” Incorporate definition of “Plumbing System” as set forth in Section 54-2604, Idaho Code. (3-29-17)

03. Section 314.4 Excavations. Add: Where unsuitable or soft material is encountered, excavate to a depth not less than two (2) pipe diameters below the pipe and replace with select backfill. Such backfill shall be sand, fine gravel, or stone and shall provide lateral support for the pipe. Where rock is encountered, the trench shall be excavated to a minimum depth of six (6) inches (152 mm) below the bottom of the pipe. Sand shall be added to provide uniform bedding and support for the pipe. The pipe shall not rest on any rock at any point, including joints. (3-29-17)

04. Section 401.2 Qualities of Fixtures. Replace with the following: Plumbing fixtures shall be constructed of dense, durable, non-absorbent materials and shall have smooth, impervious surfaces, free from unnecessary concealed fouling surfaces. (3-29-17)

05. Section 403.3 Exposed Pipes and Surfaces. Delete. (3-29-17)

06. Section 407.4 Transient Public Lavatories. Self-closing or self-closing metering faucets may be installed on lavatories intended to serve the transient public, such as those in, but not limited to, service stations, train stations, airports, restaurants, convention halls, and rest stops. Installed metered faucets shall deliver a maximum of zero point two six (0.26) gallons (one point zero (1.0) liter) of water per use. (3-29-17)

07. Section 408.5 Finished Curb or Threshold. Delete the last sentences of the first paragraph and replace with the following: The finished floor of the receptor shall slope uniformly from the sides toward the drain not less than one-eighth (1/8) inch per foot (20.8 mm/m), nor more than one-half (1/2) inch per foot (41.8 mm/m). (3-29-17)

08. Section 408.7.5 Tests for Shower Receptors. Delete. (3-29-17)

09. Section 409.4 Limitation of Hot Water in Bathtubs and Whirlpool Bathtubs. Delete. (3-29-17)

10. Table 501.1(1) First Hour Rating. Delete Table 501.1(1) and replace with the following:

TABLE 501.1(1) FIRST HOUR RATING¹

<u>Number of Bathrooms</u>	<u>1 to 1.5</u>			<u>2 to 2.5</u>				<u>3 to 3.5</u>			
<u>Number of Bedrooms</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
<u>First Hour Rating,² Gallons</u>	<u>38</u>	<u>49</u>	<u>49</u>	<u>49</u>	<u>62</u>	<u>62</u>	<u>74</u>	<u>62</u>	<u>74</u>	<u>74</u>	<u>74</u>

For SI units: one (1) gallon = 3.785 L

Notes:

¹ The first hour rating is found on the “Energy Guide” label.

² Solar water heaters shall be sized to meet the appropriate first hour rating as shown in the table. ()

101. Section 503.1 Inspection of Chimneys or Vents. Add the following to the end of section 503.1: Water heating appliances using Category 3 or 4 exhaust venting shall be tested in its entirety with five (5) pounds of air for fifteen (15) minutes. Plastic vents shall be constructed using manufacturer’s instructions. (3-29-17)

112. Section 507.2 Seismic Provisions. Delete. (3-29-17)

123. Section 507.13 Installation in Garages. Replace 507.13 with the following: Any plumbing appliance or appurtenance in residential garages and in adjacent spaces that open to the garage and are not part of the living space of a dwelling unit shall be installed so that burners, burner-ignition devices or other sources of ignition are located not less than eighteen (18) inches (450 mm) above the floor unless listed as flammable vapor ignition

resistant. (3-29-17)

134. Table 603.2 Backflow Prevention Devices, Assemblies and Methods. (3-29-17)

a. Delete from the table the entire row related to freeze resistant sanitary yard hydrant devices. (3-29-17)

b. Delete the backflow preventer for Carbonated Beverage Dispensers text from the first column of the table and replace with the following: Backflow preventer for Carbonated Beverage Dispensers (Reduced Pressure Principle Backflow Prevention Assembly). (3-29-17)

145. Section 603.5.7 Outlets with Hose Attachments. Delete and replace with the following: Potable water outlets with hose attachments, other than water heater drains, boiler drains, freeze resistant yard hydrants and clothes washer connections, shall be protected by a nonremovable hose bibb-type backflow preventer, a nonremovable hose bibb-type vacuum breaker, or by an atmospheric vacuum breaker installed not less than six (6) inches (one hundred fifty-two (152) mm) above the highest point of usage located on the discharge side of the last valve. In climates where freezing temperatures occur, a listed self-draining frost-proof hose bibb with an integral backflow preventer or vacuum breaker shall be used. (3-28-18)

156. Section 603.5.12 Beverage Dispensers. Delete and replace with the following: Potable water supply to ~~beverage dispensers~~, carbonated beverage dispensers, ~~or coffee machines~~ shall be protected by an air gap or a Reduced Pressure Principle Backflow Prevention Assembly in accordance with ASSE 1013. For carbonated beverage dispensers, piping material installed downstream of the backflow preventer shall not be affected by carbon dioxide gas. Potable water supply to beverage dispensers and coffee machines shall be protected by an air gap or a vented backflow preventer in accordance with ASSE 1022. (~~3-29-17~~)()

167. Section 603.5.17 Potable Water Outlets and Valves. Delete. (3-29-17)

178. Section 603.5.21 Chemical Dispensers. Add the following new section 603.5.21: The water supply to chemical dispensers shall be protected against backflow. The chemical dispenser shall comply with ASSE 1055 or the water supply shall be protected by one of the following methods: (3-29-17)

a. Air gap; (3-29-17)

b. Atmospheric vacuum breaker (AVB); (3-29-17)

c. Pressure vacuum breaker backflow prevention assembly (PVB); (3-29-17)

d. Spill-resistant pressure vacuum breaker (SVB); or (3-29-17)

e. Reduced-pressure principle backflow prevention assembly (RP). (3-29-17)

189. Section 604.10.1 Tracer Wire. Add the following exception: Where the electrical wiring for the pump is installed in the same trench as the water line, from the point of origin to the structure, a tracer wire shall not be required. (3-28-18)

1920. Section 605.6.2 Mechanical Joints. Add to the end of the section the following: Listed PE (polyethylene), one hundred sixty (160) psi minimum, 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. Polyethylene (PE) plastic pipe or tubing and fitting joining methods shall be installed in accordance with the manufacturer's installation instructions. (3-29-17)

201. Section 609.1 Installation. Delete the following sentence: Building supply yard piping shall be not less than twelve (12) inches (305 mm) below the average local frost depth; and replace it with the following: The cover shall be not less than forty-two (42) inches (1068mm) below grade. (3-29-17)

212. Section 609.4 Testing. 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. (3-25-13)

~~223.~~ **Section 609.10 Water Hammer.** Does not apply to residential construction. (3-25-13)

~~234.~~ **Section 609.11 Pipe Insulation.** Delete. (3-29-17)

~~245.~~ **Table 610.3 and Appendix Table A 103.1.** Change fixture unit loading value for both public and private for bathtub or combination bath/shower, and clothes washers to two (2) fixture units. (3-29-17)

~~256.~~ **Section 610.2 Pressure Loss.** Add the following: All new one (1) and two (2) family residences built slab on grade or that will have a finished basement at the time of final inspection 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. (3-29-17)

~~267.~~ **Table 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. (3-29-17)

~~278.~~ **Section 612.0 Residential Sprinkler System.** Add the following to the end of the first sentence in section 612.1: and the requirements of the Authority Having Jurisdiction (AHJ). (3-29-17)

~~289.~~ **Table 702.1 Drainage Fixture Unit Valves (DFU).** Change fixture unit loading value for clothes washers, domestic for private to two (2) fixture units. (3-29-17)

~~2930.~~ **Section 703.1 Minimum Size.** Add the following at the end of section 703.1: 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. (3-29-17)

~~301.~~ **Section 704.2 Single Vertical Drainage Pipe.** 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. (3-29-17)

~~312.~~ **Section 704.3 Commercial Sinks.** Delete. (3-29-17)

~~323.~~ **Table 703.2 Maximum Unit Loading and Maximum Length of Drainage and Vent Piping.** Change fixture unit loading value for one and a half (1 1/2) inch horizontal drainage to two (2) fixture units. (3-29-17)

~~334.~~ **Section 705.5.2 Solvent Cement Joints.** Add to the end of the section the following: PVC DWV may be joined by the use of one-step solvent cement listed or labeled per U.P.C. Section 301.1.1. (3-29-17)

~~345.~~ **Section 707.4 Locations.** ~~Add Delete and replace with~~ the following: Each horizontal drainage pipe shall be provided with a cleanout at its upper terminal, and each run of piping, that is more than one hundred (100) feet (30,480 mm) in total developed length, shall be provided with a cleanout for each one hundred (100) feet (30,480 mm), or fraction thereof, in length of such piping. An additional cleanout shall be provided in a drainage line for each aggregate horizontal change in direction exceeding one hundred thirty-five (135) degrees (2.36 rad). A cleanout shall be installed above the fixture connection fitting, serving each urinal, regardless of the location of the urinal in the building. A clean out shall be installed for double sanitary tees two (2) inches (50 mm) or less in diameter that receive the discharge from fixture connections; ~~the E~~exceptions in Section 707.4 shall not apply. 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. An approved, full-size, two-way cleanout extending to or above ~~the~~ finished grade line shall be installed at the junction of the building drain and the building sewer. Cleanouts shall be installed at fifty (50) foot intervals ~~## on~~ a horizontal drain lines two (2) inches or smaller. The following exceptions apply ~~(3-29-17)~~()

a. Cleanouts shall be permitted to be omitted on a horizontal drain line less than five (5) feet (1524 mm) in length unless such line is serving sinks or urinals. ()

b. Cleanouts shall be permitted to be omitted on a horizontal drainage pipe installed on a slope of

seventy-two (72) degrees (1.26 rad) or less from the vertical angle (one-fifth (1/5) bend). ()

c. Excepting the building drain, its horizontal branches, and urinals, a cleanout shall not be required on a pipe or piping that is above the floor level of the lowest floor of the building. ()

d. If the total developed length of the waste line is less than one hundred (100) feet, a water closet shall be permitted to be substituted for an upper terminal cleanout or a base of stack cleanout. ()

356. Section 710.3(4) Sewage Ejectors and Pumps. Add: Exception (4): One (1) pump shall be permitted for “public use” occupancies provided that such tank receives the discharge of not more than one (1) water closet and ten (10) fixture units (See Section 710.9 Alarms). (3-29-17)

367. Section 710.5 Size Building Drains and Sewers. Add the following 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. (3-29-17)

378. Section 712.1 Media. In the first sentence, delete the phrase “except that plastic pipe shall not be tested with air.” (3-25-13)

389. Section 717.0 Size of Building Sewers. Add the following to the end of section 717.1: 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. (3-29-17)

3940. Section 723.0 General. Delete the following sentence: “Plastic DWV piping systems shall not be tested by the air test method.” (3-29-17)

401. Section 801.3.3 Food Handling Fixtures. 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). (3-29-17)

412. Section 805.41 General. Add to the end of the first paragraph the following: 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. (3-29-17)

423. Section 807.3 Domestic Dishwashing Machines. 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. (3-29-17)

434. Section 906.1 Roof Termination. Delete the existing provision and replace with the following: (3-29-17)

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 ISPC. (3-25-13)

445. **Section 908.1 Vertical Wet Venting.** Add to the end of the section the following: A horizontal wet vent may be created provided it is created in a vertical position and all other requirements of Section 908 of the ISPC are met. (3-29-17)

456. **Section 909.0 Special Venting for Island Fixtures.** Add: Parameters for the limited use of Air Admittance Valves (A.A.V.). (3-29-17)

- 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)

467. **Section 1002.3 Change of Direction.** Trap arms may not exceed one hundred eighty (180) degrees of horizontal turn without the use of a cleanout. (3-29-17)

478. **Section 1007.0 Trap Seal Protection.** Delete section 1007.1 and replace with the following: Floor drains or similar traps directly connected to the drainage system and subject to infrequent use shall be protected with a trap seal primer or other approved trap seal protection device, except where not deemed necessary for safety or sanitation by the Authority Having Jurisdiction. Trap seal primers shall be accessible for maintenance. (3-29-17)

489. **Section 1016.1 Discharge.** Add the following to the end of section 1016.1: Floor drains installed in residential garages shall be permitted to use the interceptor as the fixture trap. (3-29-17)

4950. **Section 1502.1 General.** Add to this section the following paragraph: Plumbing for a gray water system from any fixture up to, but not to include the exterior irrigation system tank shall be inspected by the Authority Having Jurisdiction. The Idaho Department of Environmental Quality (IDEQ) shall have jurisdiction to inspect and approve the installation of the exterior irrigation system tank and all piping therefrom to the point of disposal in accordance with IDAPA 58.01.03, "Individual/Subsurface Sewage Disposal Rules." Gray water system location and design criteria requirements related to irrigation and leaching shall be determined in accordance with the requirements as established by the IDEQ. (3-29-17)

INCORPORATION BY REFERENCE SYNOPSIS

In compliance with Section 67-5223(4), Idaho Code, the following is a synopsis of the differences between the materials previously incorporated by reference in this rule that are currently of full force and effect and newly revised or amended versions of these same materials that are being proposed for incorporation by reference under this rulemaking.

The following agency of the state of Idaho has prepared this synopsis as part of the proposed rulemaking for the chapter cited here under the docket number specified:

DIVISION OF BUILDING SAFETY
IDAPA 07.02.06 – Rules Concerning Idaho State Plumbing Code
Proposed Rulemaking - Docket No. 07-0206-1702

Section 603.5.12 of the 2017 Idaho State Plumbing Code (ISPC) requires potable water supply to beverage dispensers or coffee machines to be protected by an air gap or reduced pressure principle backflow prevention assembly. This rulemaking revises section 603.5.12 to require potable water supply to beverage dispensers or coffee machines to be protected by an air gap or vented backflow preventer.

Section 707.9 of the 2017 ISPC reads, “No under-floor cleanout shall be located exceeding 5 feet (1524 mm) from an access door, trap door, or crawl hole.” This proposed rulemaking will ease this restriction, allow water closets to act as cleanouts, and allow installation of exterior, two-way cleanouts.

This rulemaking replaces the first hour ratings currently in table 501.1(1) of the 2017 ISPC with ratings calculated using the U.S. Department of Energy’s revised method for determining ratings.