

**Plumbing Code Review Committee
2008 Oregon Plumbing Specialty Code
Regular committee meeting minutes
- DRAFT -**

May 30, 2007

Members present: Ken Carlson
John Dodson
Melissa Gitt
Jonathan Gray
Joe McNelly
Rich Miller
Ron Murray
John Watts

Members absent: Dave Rice

Staff present: Twyla Knowles, policy and technical services assistant manager
Terry Swisher, chief plumbing inspector
Heidi Shamberger, structural para-technical specialist
Marianne Manning, rules coordinator

Guests present: Jim Wiley, Advanced Drainage Systems

1. Introductions

Committee members introduced themselves.

2. Overview

Terry Swisher, chief plumbing inspector, announced that committee meetings would be broadcast over the Web and would be archived on the committee's page on the division's home page. Chief Swisher urged interested parties to use the link located on the committee's Web page to register for e-mail delivery of committee information updates. The matrix of code changes posted on the division's Web site will be updated throughout the code review process.

Twyla Knowles, policy and technical services assistant manager, distributed and discussed the [timeline for the code adoption process](#). She also distributed and discussed the [division's goals and priorities](#) for the process.

- Align publishing of code with the scope of the National Model Code.
- Remove plumbing and electrical language from the Oregon Residential Specialty Code.
- Create greater consistency between the administrative chapters of the codes.
- Reduce Oregon amendments.
- Incorporate townhouse provisions into code.
- Bring medical gas provisions in line with proper edition of the NFPA 99C standards and those used by industry and health division accreditation program.
- Update plumbing product standards to most current editions available.

Ms. Knowles advised the committee to include in motions the reason for the adoption of any Oregon amendment.

Chief Swisher distributed and discussed the types of public [code proposals received](#) by the division.

3. Election of officers

Motion by Rich Miller to nominate Ken Carlson as chairman. There were no other nominations.

Motion passed unanimously.

Motion by Ken Carlson to nominate Jonathan Gray as vice chairman. There were no other nominations.

Motion passed unanimously.

The committee agreed that proposal presenters and speakers be given five minutes to speak. Should the committee have questions of the speaker, they would not be bound by a time limit. Anyone in the audience wishing to comment on general discussion should raise their hand and wait for the chair to acknowledge them. If the chair acknowledges them, they should come to the presenters table.

Motion by John Watts to adopt Board bylaw protocol for the committee meetings.
Motion passed unanimously.

Chief Swisher suggested that a proposed schedule to hear code proposals be set so that interested parties would be better able to schedule time to present their views to the committee. Ms. Knowles indicated that staff would be able to notify interested parties by the next meeting. Ms. Knowles asked that committee members verbally identify themselves for the video and audio record, particularly for motions.

Chairman Carlson indicated that the committee would designate June 11, 2007, as the meeting at which the committee would address code proposals and hear from interested parties about those code proposals. Jim Wiley, Advanced Draining Systems, cannot be at the June 11 meeting. The committee agreed to hear his proposal on June 20, 2007.

4. Code review of 2006 Uniform Plumbing Code (model code) changes from previous code and existing 2005 OPSC (Oregon amendments)

Item 1, Model code adoption

Motion by John Watts to adopt the 2006 edition of the Uniform Plumbing Code (UPC) as the model code.

Motion passed.

Item 2 - Chapter 1, administrative provisions.

Motion by Rich Miller to delete Chapter 1 and continue with the administrative provisions for plumbing as adopted in the Oregon Administrative Rules.

Motion passed unanimously.

Item 3 - 206.0, model code - definition of design flood elevation.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 4 - 207.0, model code - new definition for excess flow valve. These products are used on fuel gas piping.

Motion by Jonathan Watts to delete 207.0 because it is not consistent with the plumbing code as adopted by Oregon.

Motion passed unanimously.

Item 5 - 208.0, model code – definition of flood hazard area.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 6 - 208.0, model code – new definition for FOG disposal system.

Motion by John Watts to adopt model code.

Motion passed unanimously.

Item 7 - 209.0, model code – new definition for gravity grease interceptor.

Motion by Rich Miller to adopt model code.

Motion passed unanimously.

Item 8 - 209.0, model code – new definition of grease interceptor.

Motion by Melissa Gitt to adopt model code.

Motion passed unanimously.

Item 9 - 209.0, model code – new definition for grease removal device.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 10 - 209.0, model code – new definition for grease trap.

Motion by Rich Miller to **defer** action on this item so that it can be discussed at the next meeting.

Motion passed unanimously.

Item 11 - 210.0, model code – new definition for hot water.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Mr. Watts discussed inconsistencies in code that define hot water.

Item 12 - 210.0, model code - new definition for hydromechanical grease interceptor.
Motion by John Watts to adopt model code language because it is consistent with Chapter 10 and will eventually replace grease traps.
Motion passed unanimously.

Mr. Watts discussed definitions of brazed joints in Section 212 and in 316.1.7 that seem to be inconsistent. Chief Swisher will research the definitions and provide the committee with a recommendation.

Item 13 - 218.0, existing Oregon amendment - amend definition of plumbing system.
Motion by Melissa Gitt to retain Oregon amendment to be consistent with the Oregon State Mechanical code.
Motion passed unanimously.

Item 14 - 218.0, exiting Oregon amendment – amend definition of private sewage disposal system.
Motion by Jonathan Gray to retain the Oregon amendment because it is regulated by another state agency.
Motion passed unanimously.

Item 15 - 218.0, model code – new definition for PVDF.
Motion by John Dodson to adopt model code language.
Motion passed unanimously.

Item 16 - 220.0, existing Oregon amendment – amend definition of roughing in.
Motion by Ron Murray to retain the Oregon amendment because it deletes a reference to gas piping.
Motion passed

Item 17 - 221.0, existing Oregon amendment – amend definition of septic tank.
Motion by Rich Miller to retain the Oregon amendment to be consistent with the State's Department of Environmental Quality rules.
Motion passed

Item 18 - 224.0, model code – new definition for vented flow control device.
Motion by John Watts to adopt model code.
Motion passed unanimously.

Item 19 - 301.2, 301.2.1301.2.1.1, 301.2.1.2, model code – clarification of intent of the sections, removes non-essential language and allows the authority having jurisdiction to limit the scope of approval.
Motion by Jonathan Gray to adopt model code.
Motion passed unanimously.

Item 20 - 301.3, 301.3.1, 301.3.2, model code – flood hazard resistance provisions.

Motion by Ron Murray to adopt model code to be consistent with previous actions.

Motion passed unanimously.

Item 21 - 301.4, 301.4.1, 301.4.2, 301.4.3, 301.4.4, 301.4.5, 301.4.6, model code – new sections addressing alternate engineering design approval processes.

Motion by Rich Miller not to adopt because the language is not consistent with adopted code.

Motion passed unanimously.

Item 22 – 307.1, model code – delete language which is subjective.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 23 – 311.5, model code – clarification of intent of the section by requiring pipe, fittings and devices to meet recognized standards.

Motion by Rich Miller to adopt model code.

Motion passed unanimously.

Item 24 – 313.3, model code – deletes unenforceable code language and places provisions back to minimum standards.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 25 – 313.9, model code – to define mail plate requirements.

Motion by Ron Murray to adopt model code and correct grammatical error.

Motion passed unanimously.

The committee took a short break.

Item 26 – 313.9, new Oregon amendment – corrects grammar and delete reference to section 1211.3.4, which is not adopted.

Motion by John Watts to adopt the Oregon amendment deleting reference because it is beyond the scope of code.

Motion passed unanimously.

Item 27 – 313.10.1, model code – pipe sleeve exemption for bored holes in concrete.

Motion by John Dodson to adopt model code.

Motion passed unanimously.

Item 28 – 313.11, model code – delete language that is subjective.

Motion by Rich Miller to adopt model code.

Motion passed unanimously.

Item 29 – 313.12.4, model code – additional section requirement to protect tub drain openings from rats.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 30 – 314.3, model code – deletes language that is subjective and not enforceable.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 31 – 314.5, model code - clarifying language for pipe and fixture supports.

Motion by John Watts to adopt model code.

Motion passed unanimously.

Item 32 – 314.5.1, model code – deletes section which reference seismic zones which are obsolete.

Motion by John Watts to adopt model code.

Motion passed unanimously.

Item 33 – 314.7, exiting Oregon amendment - deletes section which addresses fuel gas piping.

Motion by Ron Murray to retain the Oregon amendment because it is beyond the scope of code.

Motion passed unanimously.

Item 34 – 315.1, model code – removes subjective language from code section.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 35 – 316.1.6, model code – use of transitional solvent cement is limited to exterior joint between building drain and sewer only.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 35.1 – 316.1.6, new Oregon amendment – solvent cement plastic joints for PVC drain, waste and vent piping may be made without the use of a primer.

Motion by John Watts to adopt the Oregon amendment because it provides code interpretation consistency.

Motion passed unanimously.

Item 36 – 316.1.7, model code – prohibits use of low temperature brazing alloys.

Motion by John Watts to **defer** action on this item until brazing definitions are reviewed.

Motion passed unanimously.

Item 37 – 316.2.1, model code – allows brazing, flaring and pressed joints for copper tubing and screw pipe joints.

Motion by John Watts to **defer** action on this item until brazing definitions are reviewed.

Motion passed unanimously.

- Item 38 – 316.2.2**, existing Oregon amendment – deletes reference to gas piping provisions.
Motion by John Dodson to retain the existing Oregon amendment.
Motion passed unanimously.
- Item 39 – 318.4**, model code – deletes language which conflicts with the testing provisions of section 712.0.
Motion by Jonathan Gray to adopt model code.
Motion passed unanimously.
- Item 40 – 318.7**, model code – deletes language which is subjective and unenforceable.
Motion by Melissa Gitt to adopt model code.
Motion passed unanimously.
- Item 41 – 401.1**, model code – deletes subjective reference to authority having jurisdiction.
Motion by Rich Miller to adopt model code.
Motion passed unanimously.
- Item 42 – 401.3**, model code – clarification that fixture fittings must be listed to the NSF 61 standard.
Motion by Jonathan Gray to adopt model code.
Motion passed unanimously.
- Item 43 – 402.3**, model code – deletes exception for water conserving blowout urinals which do not conserve water.
Motion by Ron Murray to adopt model code.
Motion passed unanimously.
- Item 44 – 402.4**, existing Oregon amendment – clarification of self-closing lavatory faucet requirements and which types of installations require them.
Motion by Jonathan Gray to retain the existing Oregon amendment because it clarifies code requirements.
Motion passed unanimously.
- Item 45 – 403.0, 403.1**, model code – relocates the sections to 406.3 & 406.4 and deleting reference to other materials lined with lead.
Motion by John Watts to adopt model code.
Motion passed unanimously.
- Item 46 – 405.3**, model code – renumbers section and removes reference to concrete and cement.
Motion by Melissa Gitt to adopt model code.
Motion passed unanimously.
- Item 47 – 405.4**, model code – deletes section on concealed fouling surfaces.
Motion by John Watts to adopt model code.
Motion passed unanimously.

Item 48 – 406.1, model code - renumbers section and adds a reference to waste connections and specialty fixtures.

Motion by John Watts to adopt model code.

Motion passed unanimously.

Item 49 – 406.3, 406.4, model code – relocates section on special use fixtures.

Motion by John Gray to adopt model code.

Motion passed unanimously.

Item 50 – 407.3, model code deletes section which was not clear and is subjective.

Motion by Rich Miller to adopt model code.

Motion passed unanimously.

Item 51 – 408.2.2, model code – adds language to address automatic seat covers.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 52 – 411.5, model code – deletes section which addresses flush valves in flush tanks.

Motion by John Watts to adopt model code.

Motion passed unanimously.

Item 53 – 411.4, model code – deletes language which is subjective.

Motion by Rich Miller to adopt model code.

Motion passed unanimously.

Item 54 – 411.7, model code – shower compartment sizing which creates an exception for certain size showers.

Motion by Ron Murray to adopt model code. Mr. Watts addressed the lack of validity to this code section.

Motion withdrawn.

Motion by John Watts to **defer** action on this item until staff is able to review the 2009 Uniform Plumbing Code changes and provide the committee a recommendation.

Motion passed unanimously.

Item 55 – 412.0, 412.1, 412.2, 412.2.1, 412.2.2, 412.3, 412.4, 412.4.1, 412.4.2, 412.4.3, 412.5, 412.5.1, 412.5.2, 412.5.3, 412.6, 412.7, existing Oregon amendment - deletes sections which are addressed in the Oregon Structural Specialty Code.

Motion by John Gray to retain the Oregon amendment because these sections address structural code provisions outside the scope of the plumbing code.

Motion passed unanimously.

Item 56 – 414.0, model code – bathtub and whirlpool pump installations creates language to include bathtubs in section.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 57 – 414.1, model code – renumber section and sets service whirlpool pump equipment access limitations.

Motion by John Watts to adopt model code.

Motion passed unanimously.

Item 58 – 414.5, model code - renumber section and sets water temperature limits for bathtubs and whirlpool bathtubs.

Motion by Rich Miller to adopt model code.

Motion passed unanimously.

Mr. Watts mentioned that this section was another example of hot water definition inconsistencies.

Item 59 – Table 4-1, existing Oregon amendment – deletes table which is covered in the building code.

Motion by Jonathan Gray to retain Oregon amendment as the subject is dealt with in another code program.

Motion passed unanimously.

Item 60 – 501.0, new Oregon amendment – deletes language which is regulated in the mechanical code.

Motion by John Dodson to adopt new Oregon amendment because it deletes mechanical code provisions.

Motion passed unanimously.

Item 61 – 502.1, 502.2, 502.3, 502.4, 502.5, 502.6, 502.7, 502.8, 502.9, 502.10, existing Oregon amendment – deletes sections which are in the mechanical code.

Motion by Ron Murray to retain the Oregon amendment because it deletes code provisions that are outside the scope of the plumbing code.

Motion passed unanimously.

Item 62 – 502.11, model code – new section defining indirect-fired water heater.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 63 – 502.12, 502.13, 502.14, existing Oregon amendment – deletes sections which are in the mechanical code and boiler code.

Motion by Ron Murray to retain the Oregon amendment because it deletes boiler code provisions.

Motion passed unanimously.

Item 64 – 502.1, 502.2, 502.3, existing Oregon amendment – adds definitions for hot water supply boiler, direct-vent water heater and defining water heaters which are regulated by the plumbing code.

Motion by John Watts to retain the Oregon amendment to be consistent with the boiler code.

Motion passed unanimously.

Instantaneous water heaters definitions were discussed as they relate to the boiler law.

Item 65 – 504.1, existing Oregon amendment – deletes inspection of chimneys or vents which are not regulated under the plumbing code.

Motion by Ron Murray to retain the Oregon amendment deleting provisions that are outside the scope of the plumbing code.

Motion passed unanimously.

Item 66 – 505.1, 505.1.1, 505.1.2, model code – allows the installation of fuel fired water heaters in a bedroom closet or bathroom under certain conditions.

Motion by John Watts to adopt model code.

Motion passed unanimously.

Item 67 – 505.1, existing Oregon amendment – allows the installation of fuel fired water heaters in a bedroom closet or bathroom.

Motion by John Dodson to reject the existing Oregon amendment to be consistent with previous action.

Motion passed unanimously.

Item 68 – 505.6, existing Oregon amendment – deletes language relating to gas shut off devices.

Motion by John Dodson to retain the Oregon amendment deleting provisions that are outside the scope of the plumbing code.

Motion passed unanimously.

Item 69 – 506.1, model code – clarification of code and removal of ambiguous language.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 70 – 506.1, existing Oregon amendment – deletes references to vents or chimneys and combustion air.

Motion by John Watts to retain the Oregon amendment because it deletes provisions that are outside the scope of the plumbing code.

Motion passed unanimously.

Item 71 – 507.5, existing Oregon amendment – deletes language addressing combustion air.

Motion by John Watts to retain the Oregon amendment because the provisions fall outside the scope of the plumbing code.

Motion passed unanimously.

Item 72 – 506.4, 506.4.1, 506.4.2, model code – adds section on indirect-fired water heaters.

Motion by Jonathan Gray to adopt model code. Chief Swisher noted that this code change section incorporates new technology

Motion passed unanimously.

Item 73 – 507.0, 507.1, 507.1.1, 507.1.1.1, 507.1.1.2, 507.1.1.3, 507.1.1.4, 507.1.2, 507.1.3, 507.1.4, 507.2, 507.2.1, 507.2.2, 507.3, 507.4, 507.4.1, 507.4.2, 507.5, 507.5.1, 507.5.2, 507.5.3, 507.6, 507.7, 507.7.1, 507.7.2, 507.7.3, existing Oregon amendments – deletes references to mechanical code provisions.

Motion by Rich Miller to retain the Oregon amendment because it deletes provisions that are outside the scope of the plumbing code.

Motion passed unanimously.

Item 74 – 507.8, model code – addresses louvers and grills for combustion air.

Motion by John Watts to reject model code because it addresses provisions that are outside the scope of the plumbing code.

Motion passed unanimously.

Item 75 – 507.9, existing Oregon amendment – deletes language which beyond the scope of the code.

Motion by Ron Murray to retain the Oregon amendment because it deletes provisions that are outside the scope of the plumbing code.

Motion passed unanimously.

Item 76 – 508.0, 508.1, existing Oregon amendment – addresses protection from damage to water heaters which is covered in the new model code language.

Motion by John Watts to delete the Oregon amendment.

Motion passed unanimously.

The committee took a one hour lunch break.

Item 77 – 508.5, 508.6, 508.6.1, 508.6.2, 508.6.3, 508.7, 508.8, 508.9, 508.10, 508.11, 508.12, 508.12.1, 508.12.2, 508.12.2, 508.12.3, 508.12.4, existing Oregon amendments – deletes sections which are beyond the scope of the code.

Motion by John Watts to retain the Oregon amendments because the amendments delete provisions that are outside the scope of the plumbing code.

Motion passed unanimously.

Item 78 – 508.13, new Oregon amendment – changes languages to clarify that the section is addressing water heaters.

Motion by Ron Murray to adopt the new Oregon amendment replacing “appliances” with “water heaters.”

Motion passed unanimously.

Item 79 – 508.14(4), new Oregon amendment – adds language that exempts electric water heaters from the requirement of being raised in a garage.

Motion by John Watts to adopt the Oregon amendment because it clarifies that electric water heaters installed in garages can be installed at floor level.

Motion passed unanimously.

Item 80 – 508.18 to 508.24.5, existing Oregon amendments – deletes sections which are beyond the scope of the plumbing code.

Motion by Rich Miller to retain existing Oregon amendments because the amendments delete provisions that are outside the scope of the plumbing code.

Motion passed unanimously.

Item 81 – 508.27, 509.0, 509.2, existing Oregon amendment – deletes sections which are beyond the scope of the plumbing code.

Motion by Jonathan Gray to retain the Oregon amendment because the amendments delete provisions that are outside the scope of the plumbing code.

Motion passed unanimously.

Item 82 – 509.0, existing Oregon amendment – addresses access and working space for water heaters.

Motion by Melissa Gitt to retain the existing Oregon amendment because it fills a gap in model code.

Motion passed unanimously.

Motion to reconsider the previous motion because new model code language is preferred.

Motion passed unanimously.

Motion by Rich Miller to delete the Oregon amendment and adopt model code language.

Motion passed unanimously.

Item 83 – 509.4, 509.4.1, 509.4.2, 509.4.3, 509.4.4, model code – addresses water heaters in attics and access requirements.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 84 – 510.0 through Table A.9.3.2.1, existing Oregon amendments – deletes provisions which are beyond the scope of the plumbing code.

Motion by John Dodson to retain existing Oregon amendments because the amendments delete provisions that are outside the scope of the plumbing code.

Motion passed unanimously.

Item 85 – 601.1, model code – adds exception for fixtures that do not use water.

Motion by John Watts to reject model code because the section conflicts with current approvals for waterless urinals in commercial and public buildings.

Motion passed unanimously.

Item 86 – 601.1, new Oregon amendment – deletes exception for fixtures which do not use water.

Motion by Jonathan Gray to adopt new Oregon amendment.

Motion passed unanimously.

Item 87 – 602.2, model code – adds language that addresses potential cross-contamination of potable water.

Motion by John Watts to adopt model code.

Motion passed unanimously.

Item 88 – Table 6-2, model code – changes spill-proof vacuum breaker to spill-resistant.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 89a and Item 89b – 603.0, new Oregon amendment – addresses backflow device approval.

Deferred for consideration during new proposal review at next meeting.

Item 90 – 603.1, model code – clarifies backflow device testing frequency and clarifies that the authority having jurisdiction is the local water purveyor.

Chief Swisher noted that the plumbing code may not have control over this matter as it is regulated by the health division. The jurisdiction of backflow device testing and licensing was discussed. Chief Swisher said that the plumbing code is only used for inspections on permits and those are only done for actual installations, they are not done for maintenance. For maintenance, the local water purveyor, under health division rules, will require the local maintenance. The committee agreed that “the Authority Having Jurisdiction” should be changed to “the local water purveyor” in the first reference.

Motion by Rich Miller to adopt model code as amended.

Motion passed unanimously.

Item 91 – 603.3.3/Table 14-1, new Oregon amendment – addresses backflow device approval and listing.

Deferred for consideration during new proposal review.

Item 92 – 603.3.8, model code – includes outdoor enclosures for protection from freezing.

Motion by Rich Miller to adopt model code.

Motion passed unanimously.

Item 93 – 603.3.9, model code – adds a new section for sizing of backflow device drains to ensure that they are able to drain the quantity of water produced by the device.

Motion by John Watts to adopt model code.

Motion passed unanimously.

Item 94 – 603.3.10, model code – creates a new section for proper installation of plumbing fixture components to protect from creation of a cross-connection.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 95 – 603.4.4.1, model code – change to allow single wall heat exchangers when certain conditions exist as defined in section 506.4.1.

Motion by John Dodson to adopt model code.

Motion passed unanimously.

Item 96 – 603.4.6.1, model code –adds spill-resistant pressure vacuum breakers to those approved for lawn sprinkler systems.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 97 – 603.4.6, existing Oregon amendment – adding double check valve assemblies as approved for backflow device for lawn sprinkler systems.

Motion by Ron Murray to retain the existing Oregon amendment because it adds freeze protection for rural areas.

Motion passed unanimously.

Item 98 – 603.4.6, new Oregon amendment – adding spill-resistant vacuum breaker to the section. It was noted that the previous action already approved this as a model code change.

Deferred for consideration during new proposal review.

Item 99 – 603.4.6.3, existing Oregon amendment – adding double check valve assemblies as approved backflow devices for lawn sprinkler systems

Motion by Ron Murray to retain the existing Oregon amendment to be consistent with previous action.

Motion passed unanimously.

Item 100 – 603.4.7, existing Oregon amendment about yard hydrants.

Motion by Ken Carlson to retain the existing Oregon amendment with amendment deleting “or be provided with backflow protection by a double check valve backflow preventor.” This was deleted from the last sentence because it will increase safety and eliminate a potential cross-connection.

Motion passed unanimously.

Item 101 – 603.4.11, new Oregon amendment –clarifies the required backflow protection for steam and hot water boilers.

Deferred for consideration during new proposal review.

Item 102 – 603.4.13, new Oregon amendment – which would require an RP device on carbonators.

Deferred for consideration during new proposal review.

Item 103 – 603.4.21.1, model code – addresses pure process water and dialysis water backflow protection.

Motion by Ron Miller to adopt model code.

Motion passed unanimously.

Item 104 – 603.4.22, model code – fixture fittings with integral backflow protection must comply with ASME A112.18.1.

Motion by Ron Miller to adopt model code.

Motion passed unanimously.

Item 105 – 604.1, model code – requires potable water piping and fittings to meeting NSF 61 standard.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 106 – 604.3, model code – addresses potable water copper tubing standards.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 107 – Table 6-4, model code – new table of approved potable water piping materials.

Motion by Joe McNelly to adopt model code.

Motion passed unanimously.

Item 108 – Table 6-4, new Oregon amendment – adds PP to the table of approved potable water piping materials.

Motion by Jonathan Gray to adopt the new Oregon amendment.

Motion passed unanimously.

Item 109 – 604.14, model code – creates section about water heater connections which allows reinforced flexible connectors.

Motion by John Watts to adopt model code.

Motion passed unanimously.

Item 110 – 606.1.3, model code – deletes “soft solder” from the section because it is not defined in the code.

Motion by Rich Miller to adopt model code.

Motion passed unanimously.

Item 111 – 608.2, model code – addresses multiple pressure regulator installation which is common in high-rise construction

Motion by Joe McNelly to adopt model code.

Motion passed unanimously.

Item 112 – 608.3, model code – addresses thermal expansion and clarifies when an expansion tank or other device is required.

Motion by John Watts to adopt model code.

Motion passed unanimously.

Item 113 – 608.5, model code – prohibits relief valve termination in a building’s crawl space.

Motion by John Watts to adopt model code

Motion passed unanimously.

Item 114 – 608.5, existing Oregon amendment –addresses water heater relief valve drains and approved means of termination. It was also amended to add funnels to floor drains which receive the discharge from a water heater relief valve. This is intended to eliminate a potential slip hazard or flooding.

Motion by John Watts to retain the Oregon amendment amended with the addition of the words “floor drains with funnel” in item 2.

Motion passed unanimously.

Item 115 – 609.4, new Oregon amendment – allows air testing of plastic piping which is necessary under freezing conditions. It was also noted that the testing should be at 50 psi and not at higher pressures for safety.

Motion by John Watts to adopt the new Oregon amendment to better address climate conditions specific to Oregon.

Motion passed unanimously.

Item 116 – 609.6.1, existing Oregon amendment – tracer wire is required for buried non-metallic piping to allow for future locating.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 117 – 609.8, model code change – removes subjective language which is not clear.

Motion by Joe McNelly to adopt model code.

Motion passed unanimously.

Item 118 – 609.10, model code – removes reference to air chambers for water hammer arrestors.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 119 – 609.10.1, model code – removes reference to air chambers and amends the section by adding a requirement for accessibility for serviceable and replaceable devices.

Motion by Ron Murray to adopt model code with an amendment that “devices be serviceable and replaceable” not be deleted and “where such mechanical devices be accessible” not be stricken so that the devices can be serviceable.

Motion passed unanimously.

Item 120 – 610.1, model code – removes reference to Table 6-6 and require pipe sizing methods which limit the maximum velocities allowed by the code.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 121 – 610.5, existing Oregon amendment – removes reference to Appendix L which allows alternate plumbing systems which may not meet code requirements.

Motion by John Watts to retain the existing Oregon amendment removing reference to Appendix L which was not adopted.

Motion passed unanimously.

Item 122 – Table 6-8, existing Oregon amendment – removes reference to Appendix L which allows alternate plumbing systems which may not meet code requirements.

Motion by John Watts to retain the existing Oregon amendment removing reference to Appendix L.

Motion passed unanimously.

Chief Swisher reported that Table 6-5 in footnote 6 references Table 4-1, which is not adopted in the Oregon Plumbing Specialty Code. He will research the structural code and return with a recommendation.

Item 123 – 601.1, model code – changes adds exception for plumbing fixtures that do not require a water connection. The model code provisions already allow discretion by the authority having jurisdiction to allow plumbing fixtures which do not use water.

Motion by Ron Murray to reject adopt the model code to be consistent with previous action on item 43.

Motion passed unanimously.

Item 124 – 701.1, model code – adds stainless steel drainage piping as an approved material for DWV installations.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 125 – 701.1.5, existing Oregon amendment – allows the use of CPE for exterior building storm drains and sewers.

Motion by Ron Murray to adopt the existing Oregon amendment.

Motion passed unanimously.

Item 126 – 701.1.5, model code – addresses stainless steel drainage piping as an approved material for DWV installations.

Motion by Motion by John Watts to adopt model code.

Motion passed unanimously.

Item 127 – 701.2, model code – address stainless steel drainage piping as an approved material for DWV installations.

Motion by Rich Miller to adopt model code.

Motion passed unanimously.

Item 128 – 703.3, existing Oregon amendment - deletes reference to Appendix L.

Motion by Melissa Gitt to retain the existing Oregon amendment to remain consistent with the code.

Motion passed unanimously.

Chief Swisher noted that Table 7-3, footnote 8 has the same issue as Table 6-5. He will research and return a recommendation.

Item 129 – 704.3, existing Oregon amendment – deletes the entire model code section which requires direct drain connection of specific commercial kitchen sinks and other fixtures. There is a potential conflict with health division and other agency regulations for food services.

Motion by John Dodson to retain the Oregon amendment.

Motion passed unanimously.

Item 130 – Table 7-5, existing Oregon amendment – addresses DWV sizing allowing more fixtures on 1-1/2” piping and 1/8” per foot grade on 3” horizontal piping.

Motion by Jonathan Gray to retain the existing Oregon amendment.

Motion passed unanimously.

Item 131 – 707.1, model code – references stainless steel cleanouts for DWV installations.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 132 – 707.2, model code – removes subjective language which is undefined.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 133 – 707.4, existing Oregon amendment – addresses removable fixture traps as a cleanout equivalent.

Deferred for consideration during new proposal review.

Item 134 – 707.4, new Oregon amendment – addresses removed fixture traps as a cleanout equivalent.

Deferred for consideration during new proposal review.

Item 135 – 708.0, existing Oregon amendment – addresses 1/8th inch foot slope for 3” drainage pipe.

Motion by Jonathan Gray to retain the existing Oregon amendment.

Motion passed unanimously.

Item 136 – 710.1, model code – clarifies backwater valve requirements addresses the building floor level instead of the flood level rim of the fixture.

Motion by John Watts to adopt model code.

Motion passed unanimously.

Mr. Watts discussed the need for clarification of “gallons per minute” calculations.

Motion by Jonathan Gray to adjourn.

Motion passed unanimously.

Chairman Carlson announced that the next meeting will be held on June 11, 2007, beginning at 9:00 a.m. in conference room A at the Building Codes Division and thanked all in attendance for their assistance.

The meeting was adjourned at 3:50 p.m.

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