

**Plumbing Code Review Committee
2008 Oregon Plumbing Specialty Code
Regular Committee Meeting Minutes
- DRAFT -**

June 11, 2007

Members present: Ken Carlson
John Dodson
Jonathan Gray
Joe McNelly
Rich Miller
Ron Murray (arrived at 10:00)
John Watts

Members absent: Melissa Gitt
Dave Rice

Staff present: Terry Swisher, chief plumbing inspector
Mike Ewert, code specialist
Heidi Shamberger, structural para-technical specialist
Marianne Manning, rules coordinator

Guests present: Kate Mattimore, Oregon Cross Connection Specialists Regional Subcommittee
Rick Hill, Oregon Cross Connection Specialists Regional Subcommittee
Rich Sattler, Oregon Cross Connection Specialists Regional Subcommittee
illegible Vogles, Oregon Cross Connection Specialists Regional Subcommittee
Mike Wynne, UA Local 290
Ron Murray, UA Local 290
Dave McDonnell, Portland Water Board
Mike Briesemeister, Eugene Water and Electric Board

1. **Roll call.**
Melissa Gitt was absent excused, Dave Rice was absent, unexcused.
2. **Approval of May 30, 2007 Plumbing Code Review Committee meeting minutes.**
Chairman Carlson ruled the minutes approved as submitted.
3. **Code review of 2006 Uniform Plumbing Code (model code) changes from previous code and existing 2005 OPSC (Oregon amendments)**

Review of New Proposals.

Item 174 – 1101.1, Oregon amendment deletes last sentence of section. (Deferred from May 31, 2007.)

Mike Ewert, code specialist, distributed and discussed his [recommendation](#) to delete the last sentence of this section. He felt that the proposed language would eliminate potential inconsistencies in the code relating to the disposal of rain water.

Motion by Rich Miller to approve the code change submitted by Mr. Ewert.

Motion passed unanimously.

Items 89A and 89B – 603.0, two identical proposed Oregon amendments address backflow devices. (Deferred from May 31, 2007.)

Kate Mattimore, Oregon Cross Connection Specialists Regional Subcommittee (OCCSRS), requested that her proposal be withdrawn because the proposed change was duplicated in upcoming code proposals. The representative from Eugene Water and Electric Board (EWEB) was not in attendance at the time. Ms. Mattimore indicated that EWEB would probably be willing to withdraw their identical proposals.

Terry Swisher, chief plumbing inspector, indicated that because the other proponent was not present the committee should take action. He indicated that the division's intention was to adopt model code wherever possible. Chief Swisher noted that the division has no authority to inspect backflow devices after installation.

Ms. Mattimore suggested that the wording of this section be changed to reflect the standard that is actually used in the state, which is the State of Oregon Department of Human Services requirements for backflow devices. Chief Swisher indicated that by Oregon Administrative Rule (OAR) the Oregon State Plumbing Board has authority to approve product standards for plumbing products. Ms. Mattimore felt that the standards were not clear to the public.

Chief Swisher asked why the University of Southern California, Foundation for Cross-Connection Control and Hydraulic Research (USC FCCHR) approval process is the only process the Health Department recognizes. Ms. Mattimore indicated that USC is better at testing because it uses American Society of Sanitary Engineering (ASSE) certified standards, and offers extensive laboratory and field testing and is an independent laboratory not associated with any manufacturer.

Motion by John Watts to approve the proposal.

Motion withdrawn by John Watts

Motion by John Watts to reject code proposals 89A and 89B.

Motion passed unanimously.

Items 91 A and 91B – 603.3.3/Table, two identical proposed Oregon amendments address backflow devices, Department of Human Services administrative rules and other provisions. (Deferred from May 31, 2007.)

Motion by John Dodson to reject the code proposals 91A and 91B.

Motion passed unanimously.

Committee member Ron Murray arrived at this time.

Item 98 – 603.4.6, new proposed amendment adds spill-resistant vacuum breaker. (Deferred from May 31, 2007.)

Motion by Jonathan Gray to adopt model code language.

Motion passed unanimously.

Items 101A and 101B, 603.4.11 (603.4.10), two identical proposed Oregon amendments require additional backflow protection for steam and hot water boilers. (Deferred from May 31, 2007.)

Ms. Mattimore indicated that the proposal actually specifies that the potable water make up connections to steam or hot water boilers would be protected by an air gap or a reduced pressure principle device. The current language is not as specific and the proposed language would be consistent with other sections.

Chief Swisher stated that those requirements are set forth in Table 6-2. He expressed concern about the proposed language in light of the variety of water heaters in use today, from small to near boiler in size.

Motion by Jonathan Gray to reject proposals 101A and 101B.

Motion passed unanimously.

Items 102A and 102B, 603.4.13, two identical proposed Oregon amendments require an RP device on carbonators instead of a vented dual check valve. (Deferred from May 31, 2007.)

Ms. Mattimore distributed and discussed a document entitled [“Summary of Backflow Incidents”](#) published by Pacific Northwest Section American Water Works Association. The document summarized 64 backflow incidents dated from 1952 through 1994. She discussed potential health dangers that may result from the interaction of carbonated beverage mixers when they react with copper piping. Ms. Mattimore also distributed and discussed an article, [“Protection from Post Mix Carbonators,”](#) published by the University of Southern California.

Mike Briesemeister, EWEB, also discussed his concerns about the same potential health dangers. Chief Swisher indicated that there were no reported incidents of this kind since the last code adoption process, three years ago. Mr. Briesemeister and Ms. Mattimore both felt that commercial establishments are not reporting incidents involving carbonators to avoid negative publicity.

Chairman Carlson indicated that previous to the 2003 Uniform Plumbing Code being adopted as the 2005 Oregon State Plumbing Code a Reduced Pressure Backflow Assembly (RP) device was required. Although the dual check device cannot be tested it was understood that if the listed dual checks or dual venting checks or carbonators failed they would shut down. Chief Swisher said ASSE created the dual check standard for the carbonator. First, the carbonator will fail to make carbonated water because a component of carbonating water is to have it under pressure. If it's not under pressure it cannot absorb carbon dioxide. The second protection is the side outlet relief which usually means fluid is leaking onto the floor and normally generates correction because commercial kitchens are inspected.

Chief Swisher asked how the costs resulting from the adoption of this proposal would be justified. Ms. Mattimore indicated that avoiding a potential danger would justify the cost. Chief Swisher indicated that the lack of reported problems could not justify the cost.

John Dodson expressed his concern about how this proposed code amendment would be enforced as there is no permit or inspection process. Concerns were discussed about when the standard would be applied to existing equipment. Chief Swisher indicated that existing OAR would allow existing installations to stay in place and would not require them to be replaced.

The committee agreed that most many new commercial establishments are being built without copper piping and that most use dual check valves. Some devices may fail upon initial installation and are repaired by the installer. The committee agreed that a permit should be issued for these cases and a licensed plumber should make these kinds of installations.

Motion by Ron Murray to reject proposals 102A and 102B.

Nay – Gray, McNelly, Miller, Watts

Ayes – Carlson, Dodson, Murray

Motion failed.

Motion by John Watts to adopt the amendment as proposed in Item 102A and 102B.

Nay – Carlson, Dodson, Murray

Ayes – Gray, McNelly, Miller, Watts

Motion passes.

Dave McConnell, Portland Water Board, discussed testing of backflow devices. Chief Swisher discussed inconsistencies in the provisions of code and the process of the code adoption recommendations from the committee to the plumbing board and to the division.

The committee took a short break.

Item 134 – 707.4, new proposed Oregon amendment addresses removable fixture traps as a cleanout. (Deferred from May 31, 2007.)

Mike Wynne, UA Local 290 and Cascade Chapter of the International Association of Plumbing/Mechanical Officials, said that a removable fixture trap or a removable fixture should not be used to substitute for a code required cleanout. He recommended that his proposed amendment be removed and language returned to model code.

Motion by Ron Murray to adopt model code language and delete the previous Oregon amendment for this section.

Motion passed unanimously.

Review of Items Deferred for Staff Research.

Item 10 – 209.0, model code new definition for Grease Traps. (Deferred from May 31, 2007.)

Chief Swisher distributed and discussed some of the [recommendations for the upcoming 2009 Uniform Plumbing Code about Grease Traps](#).

Motion by John Dodson not to adopt the new definition of grease traps.

Motion passed unanimously.

Item 12.1 (new matrix item)- 212.0, Oregon amendment addresses brazing temperature definitions.

Chief Swisher recommended that the current definition of brazed joints be changed from “840 degrees Fahrenheit and 449 Centigrade” to “538 degrees Centigrade and 1000 degrees Fahrenheit” to be consistent with [National Fire Protection Association \(NFPA\)99C-2002](#) and [American Welding Society’s B2-2](#) standards.

Motion by John Watts that the figures “840 degrees Fahrenheit and 449 degrees Centigrade” in Chapter 212, Joint Brazed, be changed to correspond with AWS B2-2, “1000 degrees Fahrenheit and 548 degrees Centigrade.”

Motion passed unanimously.

Item 36 - 316.1.7 and Item 37 – 316.2.1, model code addresses brazing. (Deferred from May 31, 2007.)

Motion by John Watts that model code in both Item 36 and Item 37 be adopted.

Motion passed unanimously.

Item 54 – 411.7, Tentative Interim Amendment addresses shower compartment sizing. (Deferred from May 31, 2007.)

Chief Swisher distributed and discussed [information about replacing a bathtub with a shower](#).

Motion by Ron Murray to accept staff recommendation to adopt model code language amended to delete “where an existing bathtub is replaced by” and add the word “for”.

Motion passed unanimously.

Chief Swisher noted for the record the reason for this amendment would be to allow these types of shower receptors to be used where there has been an exiting bathtub and for new installations.

Item 122.1 (new matrix item) – Table 6-5 and Table 7-5, Oregon amendment

Chief Swisher recommended amending the section to provide a reference to the appropriate [Oregon Structural Code section 303](#) in place of Table 4-1, which is not adopted in Oregon.

Chairman Carlson clarified that for footnote 6 the definition is for “assembly.”

Motion by Jonathan Gray to adopt the Oregon amendment.

Motion passed unanimously.

Continuing Review of Proposed Model Code and Proposed Amendments.

Item 137 – 710.12, model code removes subjective language.

Motion by Rich Miller to adopt model code.

Motion passed unanimously.

Item 138 – 710.12, model code removes subjective language.

Motion by Rich Miller to adopt model code.

Motion passed unanimously.

Item 139 – 710.13, model code removes limitations for use of macerating toilet system.

Motion by John Dodson to adopt model code.

Motion passed unanimously.

Item 133 – 707.4, existing Oregon amendment addresses removable fixture traps.

Motion by Jonathan Gray to reject the existing Oregon amendment.

Motion passed unanimously.

Item 140 – 710.15, existing Oregon amendment addresses elevator pit drains.

Chief Swisher indicated that this amendment is in line with the state elevator program which references the plumbing code for elevator pit drains.

Motion by Jonathan Gray to retain the Oregon amendment.

Motion passed unanimously.

Mr. Gray indicated the reason for the adoption of the amendment would be to stay in compliance with the state elevator board.

Item 141 – 712.1, new Oregon amendment deletes language: “except that plastic pipe shall not be tested with air.”

Chief Swisher recommended this amendment be adopted because the section limits plastic piping to only water testing for sanitary drainage. In some areas of the state, climatic conditions won’t allow testing with water because of freezing conditions.

Motion by John Dodson to adopt the Division’s recommendation to delete testing plastic pipe with air.

Motion passed unanimously.

Item 142 – 713.1, existing Oregon amendment deletes reference to Chapter 1.

Chairman Carlson indicated that this amendment was housekeeping in nature because it references administrative rules.

Motion by John Watts to delete the reference to Chapter 1 in 713.1.

Motion passed unanimously.

Item 143 – 714.4, model code clarifies commercial food waste disposal.

Chief Swisher indicated that the Department of Environment Quality (DEQ) does not prohibit the use of garbage disposals in septic systems.

Motion by Rich Miller to reject model code language.

Chief Swisher recommended that the committee adopt model code because it does not change the actual provision, it just changes the language. Mr. Dodson commented that the “authority having jurisdiction” in this case referenced is DEQ, so it would be up to that authority to regulate.

Motion withdrawn.

Motion by Rich Miller to adopt model code.

Motion passed unanimously.

Item 144 – 715.1, model code removes subjective language.

Motion by John Watts to adopt model code.

Motion passed unanimously.

Item 145 – 716.0, model code removes subjective language.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 146 – 717.0, existing Oregon amendment deletes reference to Appendix L. Chief Swisher said that the amendment removed a reference to Appendix L which is not adopted by the State of Oregon.

Motion by Jonathan Gray to adopt the existing Oregon amendment deleting reference to Appendix L.

Motion passed unanimously.

Item 147 – 718.1, existing Oregon amendment addresses 1/8th inch per foot slope for 3” pipe. Chief Swisher said that the amendment would create consistency with Table 7-5 on horizontal drainage, which permits three inch pipe to be at a 1/8 inch per foot slope. Chief Swisher and committee members indicated that there had not been reports of problems about the footnotes in this section.

Motion by John Dodson to retain the Oregon amendment.

Motion passed unanimously.

Item 148 – 718.2, model code removes subjective language. Chief Swisher discussed the language deleted in this code section.

Motion by Rich Miller to adopt model code.

Motion passed unanimously.

Item 149 – 718.2, existing Oregon amendment for tracer wire.

Chief Swisher recommended that the existing Oregon amendment be kept for nonmetallic piping.

Motion by Jonathan Gray to retain the existing Oregon amendment.

Motion passed unanimously.

The committee took a lunch break.

Item 150 – 807.3, model code removes subjective language.

Motion by Joe McNelly to adopt model code.

Motion passed unanimously.

Item 151 – 807.4, existing Oregon amendment addresses domestic dishwasher drains.

Chief Swisher said that this amendment allows indirect waste connection to a garbage disposal for continuous waste in a kitchen sink from a domestic dishwasher. Chairman Carlson said that this is the current Oregon language.

Motion by John Dodson to retain the existing Oregon amendment.

Motion passed unanimously.

Item 152 – 811.7, model code clarifies chemical waste discharge requirements.

Motion by Joe McNelly to adopt model code.

Motion passed unanimously.

Item 153 – 814.0, 814.1, 814.2, 814.3, Table 8-2, existing Oregon amendment deletes sections addressing condensate drainage.

Chief Swisher said that the amendment removed code requirements that are outside of the scope of the Oregon Plumbing Specialty Code and are addressed in the mechanical code.

Motion by John Watts to delete the sections on condensate drainage.

Motion passed unanimously.

Mr. Dodson opened discussion about trench drains around swimming pools in indoor pools. The committee discussed various code requirements and processes used in addressing this matter. The committee recommended that future code change for this section be investigated.

Item 154 – 902.1, model code removes subjective language.

Motion by John Watts to adopt model code.

Motion passed unanimously.

Item 155 – 903.1, model code adds stainless steel pipe and fittings.

Motion by Joe McNelly to adopt model code.

Motion passed unanimously.

Item 156 – 903.2.4, model code removes conflict with ASTM B306 standard.

Motion by John Dodson to adopt model code.

Motion passed unanimously.

Item 157 - 903.3, model code adds stainless steel pipe and fittings.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 158 – 908.4, 908.4.1, 908.4.2, 908.4.3, model code creates new sections for an alternate method for bathroom wet venting.

Chairman Carlson noted this code section is confusing, has caused problems in other jurisdictions which have adopted it with the installation and inspection, and adds time and costs. He recommended that the new code change language not be adopted.

Motion by John Watts that section 908.4 model code change not be adopted.

Motion passed unanimously.

Chairman Carlson indicated that the reason for the motion was that the language was too confusing and would add extra time and expense to the construction project.

Item 159 – 908.4, 908.4.1, 908.4.2, 908.4.3, new proposal deletes model code for an alternate method for bathroom wet venting.

Motion by Ron Murray to adopt the new Oregon amendment which would correspond with the previous motion.

Motion passed unanimously.

Item 160 – 910.5, model code removes subjective language.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 161 – 910.6, model code makes an editorial revision to the wording of the section.
Motion by Rich Miller to adopt model code.
Motion passed unanimously.

Item 162 – 1003.2, model code creates new provisions for trap adapters.
Motion by Rich Miller to adopt model code.
Motion passed unanimously.

Item 163 – 1004.0, model code removes subjective language.
Motion by Ron Murray to adopt model code.
Motion passed unanimously.

Item 164 – 1005.0, model code removes unclear language.
Motion by John Dodson to adopt model code.
Motion passed unanimously.

Item 165 – 1006.0, Table 10-1.1, existing Oregon amendment allows unvented floor drain traps on a vented line and additional trap primer requirements.
Motion by Jonathan Gray to adopt the existing Oregon amendment.
Motion passed unanimously.

Item 166 – 1007.0 through 1007.6, existing Oregon amendments set trap primer requirements.
Motion by John Dodson to retain the existing Oregon amendments.
Motion passed unanimously.

Item 167 – 1010.0, model code removes redundant language.
Motion by Ron Murray to adopt model code.
Motion passed unanimously.

Item 168 – 1011.0, model code clarifies code requirements.
Motion by Ron Murray to adopt model code.
Motion passed unanimously.

Item 169 – 1014.0, 1014.1, 1014.1.1, 1014.1.2, 1014.1.3, 1014.2, 1014.2.1, 1014.2.2, 1014.2.3, Table 10-2, 1014.3, 1014.3.1, 1014.3.2, 1014.3.2.1, 1014.3.2.2, 1014.3.2.3, 1014.3.3, 1014.3.3.1., 1014.3.4, 1014.3.4.1, 1014.3.4.2, 1014.3.4.3, 1014.3.4.4., 1014.3.5, 1014.3.5.1, 1014.3.6, 1014.3.6.1, 1014.3.6.7, 1015.0, 1015.1, 1015.2, 1015.3, 1015.4, 1015.5, Table 10-3, model code rewrites provisions for fats, oils and grease removal systems.
Motion by Jonathan Gray to adopt model code.
Motion passed unanimously.

Item 170 – 1014.8, existing Oregon amendment references manufacturer's installation instructions for exterior grease interceptors.

Chief Swisher indicated that the provision just adopted would cover this section. He recommended that the existing Oregon amendment be deleted.

Motion by Rich Miller to delete the existing Oregon amendment.

Motion passed unanimously.

Item 171 – 1017.0, 1017.1, 1017.2, new Oregon amendment deletes provisions addressing oil and flammable liquid interceptors.

Chief Swisher noted that there are no standards specific to the types of devices that are generally referenced in this section. In a garage environment, DEQ has indicated that they do not want floor drains or any drains connected with the plumbing system. They would consider a gas or oil spill a hazardous waste spill and they have procedures for clean up. This section is not consistent with what DEQ would like to see in design. Committee members discussed the confusion in the field about this section.

Motion by Joe McNelly to adopt the Oregon amendment to delete this section.

Motion passed unanimously.

Item 172 – 1003.2, model code creates new provisions addressing trap adapters.

Duplicate item which has already been addressed.

Item 173 – 1004.0, model code removes subjective language.

Duplicate item which has already been addressed.

Item 174 was addressed at the beginning of the meeting.

Item 175 – 1101.2, new Oregon amendment adds section on disposal.

Chairman Carlson discussed specific items lacking in the model code that should be inserted to fill gaps in the model code language. Chief Swisher said that the division would like to keep to model code as much as possible but does see some benefits to the amendments, particularly with storm water drainage because the issue is geographically specific.

Motion by Jonathan Gray to adopt the new Oregon amendment addressed in the proposal.

Motion passed unanimously.

Item 176 – 1101.3, model code addresses stainless steel DWV pipe and fittings.

Motion by Rich Miller to adopt model code.

Motion passed unanimously.

Item 177 – 1101.3, existing Oregon amendment allows short sweep fittings for certain fittings.

Motion by Jonathan Gray to retain the existing Oregon amendment.

Motion passed unanimously.

Item 178 – 1101.5, 1101.5.1, 1101.5.2, 1101.5.3, 1101.5.4, 1101.5.5, 1101.5.6, existing Oregon amendment deletes section about subsoil drainage, springs and groundwater removal.

Motion by John Dodson to retain the existing Oregon amendment.

Motion passed unanimously.

Item 179 – 1101.6.1, new Oregon amendment section on backwater valves.

Motion by Rich Miller to adopt the new Oregon amendment.

Motion passed unanimously.

Item 180 – 1101.7, current Oregon amendment deletes reference to continuously flowing springs and groundwater.

Motion by Jonathan Gray to retain the existing Oregon amendment that deletes the reference.

Motion passed unanimously.

Item 181 – 1101.11, 1101.11.1, 1101.11.2, 1101.11.2.1, 1101.11.2.2, 1101.11.2.2.1, 1101.11.2.2.2, model code reformats code provisions about roof drainage and secondary roof drainage.

The committee discussed conflicting code language.

Tabled

Item 182 – 1101.12.2, new Oregon amendment creates the following exception, “Rain leader and conductors serving residential structures.”

Chief Swisher indicated that this is a current practice in Oregon in one- and two-family dwelling construction.

Motion by Ron Murray to adopt the new Oregon amendment.

Motion passed unanimously.

Item 183 – 1102.1.2, model code changes adding stainless steel piping and fittings for storm drainage systems.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 184 – 1102.2, new Oregon amendment creates provisions for traps for combined sewers.

Approved in action taken under Item 175.

Item 185 – 1102.2, 1102.2.1, 1102.2.2, existing Oregon deletes section addresses rain leaders. Chief Swisher indicated that Oregon has never addressed leaders or down spouts as part of the storm drain system regulated as plumbing.

Motion by Rich Miller to retain the existing Oregon amendment for deletion of rain leaders.

Motion passed unanimously.

Item 186 – 1102.2.2, model code about stainless steel piping and fittings for storm drainage systems.

Chief Swisher noted that this section was deleted by the committee’s previous action approving the Oregon amendment. He recommends that the committee reject this code model provision.

Motion by Ron Murray to reject this section.

Motion passed unanimously.

Item 187 – 1102.3, 1102.4, existing Oregon amendment references materials in section 701.1.6 and 715.0.

Chief Swisher noted the current Oregon amendment that would add a reference to sections 701.1.6 and 715.0 at the end of 1102.4. We currently also reference Section 715.0 and 701.1.6 to address approved materials for building drains and sewers.

Motion by Joe McNelly to retain the existing Oregon amendment.

Motion passed unanimously.

Item 188 – 1102.5, new Oregon amendment creates section on fittings.

Chief Swisher commented that the amendment clarifies that the fittings for exterior storm drainage would be a long sweep type fitting. If it's an interior fitting there is a provision that would allow short sweep type fittings on the rain drain system.

Motion by Jonathan Gray to adopt the new Oregon amendment.

Motion passed unanimously.

Item 189 – 1102.5, 1102.5.1, 1102.5.2, existing Oregon amendment deletes section about subsoil drains.

Chief Swisher reported that subsoil drain materials are usually designed as a site-specific application.

Motion by Rich Miller to retain the existing Oregon amendment.

Motion passed unanimously.

Item 190 – 1103.0, 1103.1, 1103.2, 1103.3, 1103.4, 1103.5, 1103.6, new Oregon amendment creates provisions for building storm sewer materials

Approved in action taken under Item 175.

Item 191 – 1103.4, existing Oregon amendment requires a cleanout on the inlet side of the trap instead of the outlet side.

Chief Swisher recommended that his amendment be rejected because the language was incorporated by previous action.

Motion by Joe McNelly to reject the Oregon amendment.

Motion passed unanimously.

Item 192 – 1104.0, 1104.2, existing Oregon amendment deletes provisions for leaders, conductors and connections.

Motion by Joe McNelly to delete the model code sections.

Motion passed unanimously.

Item 193 – 1105.2, new Oregon amendment creates provisions for building storm sewer connections.

Approved in action taken under Item 175.

Item 194 – 1106.0, 1106.1, 1106.2, new Oregon amendment creates provision for storm and groundwater drainage.

Approved in action taken under Item 175.

Item 195 – 1107.0, 1107.1, 1107.2, 1107.3, 1107.4, new Oregon amendment creates provisions for dry wells.

Approved in action taken under Item 175.

Item 196 – 1108.1, new Oregon amendment changes the inside dimension for catch basins.
Tabled.

Item 197 – 1108.0, 1108.1, 1108.2, 1108.3, 1108.4, 1108.5, new Oregon amendment creates provisions for catch basins.

Approved in action taken under Item 175.

Item 198 – 1108.1(9), model code changes about scupper openings.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 199 – Table 11-4, Table 11-5, 1108.1(7), 1108.7(8), existing Oregon amendment references table numbers and code sections.

Chief Swisher reported that this amendment ensures the correct table is referenced.

Motion by Jonathan Gray to retain the existing Oregon amendment.

Motion passed unanimously.

Item 200 – 1108.3, 1108.3.1, 1108.3.2, 1108.3.3, 1108.3.4, 1108.5, new Oregon amendment creates standards for catch basins.

Approved in action taken under Item 175.

Item 201 – 1109.0, new Oregon amendment creates standards for abandoned storm sewers.

Chief Swisher commented that is an Oregon amendment and would be consistent with a previous action taken by the committee.

Motion by Jonathan Gray to adopt the new Oregon amendment.

Motion passed unanimously.

Item 202 (renumbered from duplicate Item 201) –1109.2.2, new Oregon amendment addresses storm water air testing.

Approved in action taken under Item 175.

Item 203 – 1109.2.3, model code about air and water testing.

Chief Swisher recommended that this model code be rejected.

Motion by Rich Miller to delete this new model code language.

Motion passed unanimously.

Item 204 – Table 11-1, Table 11-3, existing Oregon amendment deletes provisions referencing gutters.

Motion by Jonathan Gray to delete the provision.

Motion passed unanimously.

Item 205 – Chapter 12, existing Oregon amendment deletes chapter.
Chairman Carlson indicated that this Chapter is handled by the mechanical code.
Motion by Ron Murray to retain the existing Oregon amendment.
Motion passed unanimously.

Items 206 –1301.3, model code clarifies that breathing air replenishment systems are not considered part of a medical gas system
DEFERRED.

Item 207 – 1309.3, model code deletes nitrogen from definition of medical gas
DEFERRED.

Item 208 – 1309.4, 1309.7, 1310.3, 1310.4, 1310.10, 1310.17, 1310.19, 1311.52, 1316.0, 1318.10, 1327.1.1, new Oregon amendment references the 1999 edition provisions of the NFPA 99C Standard
DEFERRED.

Item 209 – 1310.6, model code deletes nitrogen from definition of medical gas
DEFERRED.

Item 210 – 1310.9, model code defines Nitrogen NF, (Oil-Free, Dry)
DEFERRED.

Item 211 – 1310.15, model code deletes “type 1” from station inlet definition
DEFERRED.

Item 212 – 1310.19, 1310.26, 1310.27, 1310.28, 1310.29, 1310.30, Part II, Part III, 1329.0, 1329.1, Part IV, 1330.0, 1330.1, 1330.2, 1330.3, 1330.4, 1330.5, 1330.6, 1330.7, 1330.8, Table 13-3, new Oregon amendment creates consistency with code provisions in 1999 edition of NFPA 99C and industry regulations
DEFERRED.

Item 213 – 1311.2, existing Oregon amendment adds language
DEFERRED.

Item 214 – 1316.3, model code change to update to latest provisions of NFPA 99C standard
DEFERRED.

Item 215 – 1316.4, 1316.5, 1316.6, 1316.8, model code change to update to latest provisions of NFPA 99C standard
DEFERRED.

Item 216 – 1318.2, 1318.4, 1318.11, model code change to update to latest provisions of NFPA 99C standard
DEFERRED.

Item 217 – 1319.1, 1319.3, 1319.6, model code change to update to latest provisions of NFPA 99C standard
DEFERRED.

Item 218 – 1320.5, 1320.5.3, model code change to update to latest provisions of NFPA 99C standard
DEFERRED.

Item 219 – 1323.1, model code change to update to latest provisions of NFPA 99C standard
DEFERRED.

Item 220 – 1324.0, model code change to update to latest provisions of NFPA 99C standard
DEFERRED.

Item 221 – 1325.1, 1325.3, 1325.5, model code change to update to latest provisions of NFPA 99C standard
DEFERRED.

Item 222 – 1326.1, 1326.3, model code change to update to latest provisions of NFPA 99C standard
DEFERRED.

Item 223 – 1327.8.1, 1327.9.1, 1327.11, model code change to update to latest provisions of NFPA 99C standard
DEFERRED.

Item 224 – 1327.12, existing Oregon amendment allows 30 days for corrections
DEFERRED.

Item 225 – 1327.13, existing Oregon amendment about approval and certification of the medical system when required by the Oregon Department of Human Services
DEFERRED.

Mr. Wynne noted that Chapter 14 is titled “Mandatory Reference.” He indicated that the state of Washington deleted the word “mandatory.” Chief Swisher indicated that the references are mandatory in the State of Oregon as referenced through statute and administrative rule as they are the approved standards by the Oregon State Plumbing Board for plumbing product approval.

Item 226 – AASHTO M36-91, existing Oregon amendment, Corrugated Steel Pipe and Fittings, Zinc Coated or Aluminum.

Item 227 – AASHTO M196-92603.1, existing Oregon amendment, Corrugated Aluminum Allow and Fittings.

Item 228 – AASHTO M218-87, existing Oregon amendment, Corrugated Steel Pipe and Fittings, Zinc Coated.

Item 229 – AASHTO M252-94 02, existing Oregon amendment, Corrugated CPE Tubing and Fittings.

Item 230 – AASHTO M274-87, existing Oregon amendment, Corrugated Steel Pipe and Fittings, Aluminum Coated.

Item 231 – AASHTO M294-94 04, model code – existing Oregon amendment, Corrugated CPE (Heavy Duty).

Item 232 – AHAM DW-1-2005, model code adds latest edition of standard for Household Electric Dishwasher.

Item 233 – AHAM DW-2PR-92, new Oregon amendment deletes the standard for Plumbing Requirements for Household Dishwashers (Discontinued).

Item 234 – AHAM DW-2PR-92, new Oregon amendment deletes the standard for Household Food Waste Disposers (Discontinued).

Item 235 – AHAM FWD-2PR-89, model code standard for Household Food Waste Disposers.

Item 236 – AHAM FWD-1-2005, new Oregon amendment adds latest edition of standard for Food Waste Disposers.

Item 237 – AHAM HLW-2PR-86, model code deletes standard for Plumbing Requirements for Home Laundry Equipment.

Item 238 – ANSI ASME A13.1-96(R03), new Oregon amendment changing ANSI to ASME.

Item 239 – ANSI A21.10-2003, new Oregon amendment deletes standard for Plumbing Requirements for Home Laundry Equipment.

Item 240 – ANSI A21.11-200, new Oregon amendment deletes standard which is a duplicate of AWWA C111.

Item 241 – ANSI A21.51-2002, new Oregon amendment deletes standard which is a duplicate of AWWA C151.

Motion by Jonathan Gray to adopt Items 226 through 241.

Motion passed unanimously.

Item 242 – ANSI A21.53-2000, new Oregon amendment deletes standard which is a duplicate of AWWA C153.

Item 243 – ANSI TCNA A118.10-99-2005, new Oregon amendment changes ANSI to Tile Council of North America (TCNA) and updates to latest edition.

Item 244 – ANSI TCNA A137.1-88, new Oregon amendment changes ANSI to TCNA.

Item 245 – ANSI B2.1-90, new Oregon amendment deletes the standard because it was replaced with ASME B1.20.1-2006.

Item 246 – ANSI/CSA LC 3-2000, new Oregon amendment deletes the ANSI reference.

Item 247 – ANSI A40.3-93, model code deletes ANSI A40.3-93 and replaces it with ASME B36.19-2004.

Item 248 – ANSI A106.6-70, model code deletes the standard for Vitrified Clay Pipe because it has been replaced with CSA A60.1M-76(C1992).

Item 249 – ASME A112.21.2M-83, model code deletes roof drain standard because it was replaced with ASME A112.6.3.

Item 250 – ANSI A137.1-88, model code adds the standard for Ceramic Tile.

Item 251 – ANSI A117.1-2003, existing Oregon amendment deletes standard for Accessible and Usable Building and Facilities because it is regulated by the building code.

Chief Swisher noted that there is an existing Oregon amendment that deletes the standard ANSI A117.1 and affirms it is not a plumbing standard. He said that it is adopted in the OSSC and would still apply.

Motion by Jonathan Gray to adopt Items 242 through 251.

Motion passed unanimously.

Item 252 – ANSI Z4.1-95, model code standard for Sanitation in Places of Employment (referenced in model code Chapter 4).

Chief Swisher indicated that this standard is regulated by OSHA and is not a plumbing code matter. He recommended that the standard be deleted.

Motion by Rich Miller to reject ANSI Z41.1-95.

Motion passed unanimously.

Item 253 – ANSI CSA Z21.5.1a-2005, model code changes standard for Gas Clothes Dryers Type 1 Clothes Dryers and change to latest edition.

Item 254 – ANSI CSA Z21.5.1a-2005, model code standard for Gas Clothes Dryer Type 2 Clothes Dryer and change to latest edition.

Chief Swisher recommended that model code language in Items 253 and 254 be rejected because they deal with issues in the mechanical code and are outside of the scope of the plumbing code.

Motion by Ron Murray to reject model code in items 253 and 254.

Motion passed unanimously.

Item 255 – ANSI CSA Z21.10.1-2006, new Oregon amendment updates standard to latest edition.

Item 256 – ANSI CSA Z21.10.3-2004, new Oregon amendment deletes the ANSI reference.

Item 257 – ANSI Z21.12b-94, existing Oregon amendments deletes standard for Draft Hoods.

Item 258 – ANSI CSA Z21.13a-2005, new Oregon amendment updates standard to latest edition.

Item 259 – ANSI Z21.15-97, existing Oregon amendment deletes standard for gas valves.

Item 260 – ANSI CSA Z21.22-2001, new Oregon amendment updates standard to latest edition.

Item 261 – ANSI Z21.24-2001, Existing Oregon amendment deletes standard for gas appliance connectors.

Item 262 – ANSI Z21.41-2003 CSA 6.9-2003, existing Oregon amendment deletes standard for quick-connect fuel gas devices.

Item 263 – ANSI Z21.47b-2003, existing Oregon amendment deletes standard for gas-fired furnaces

Item 264 – ANSI CSA Z21.56-2006 CSA 4.7-2006, new Oregon amendment updates standard to latest edition.

Item 265 – ANSI Z21.69a-2003 CSA 6.16-2003, existing Oregon amendment deletes standard for gas connectors.

Motion by Jonathan Gray to adopt amendments in Items 255 through 265.

Motion passed unanimously.

Item 266 – ANSI Z34.1-93, existing Oregon amendment deletes the standard because it was replaced with ASCE 25.

Item 267 – ANSI Z21.80-2003 CSA 6.22-M2003, exiting Oregon amendment deletes standard for fuel gas regulators.

Item 268 – ANSI Z21.81-98 CSA 6.25-M98, existing Oregon amendment deletes standard for fuel gas cylinder connection devices.

Item 269 – ANSI Z21.86-2003 CSA 2.32-2004, existing Oregon amendment deletes standard for fuel gas appliances.

Item 270 – ANSI Z34.1-93, new Oregon amendment deletes the standard which has been discontinued.

Item 271 – ANSI Z34.1-93, model codes adds standard for Third-Party Certification Programs for Products Processes, and services.

Motion by Jonathan Gray to adopt Items 266 through 271.

Motion passed unanimously.

Item 272 – ANSI Z83.11-2002, model code adds standard for fuel gas equipment.

Chief Swisher recommended that model code in the section be deleted because it is outside the scope of the code.

Motion by Ron Murray to reject Item 272.

Motion passed unanimously.

Item 273 – ANSI CSA Z83.11-2006, new Oregon amendment updates standard to latest edition.

Item 274 – ANSI IAPMO Z124.1.2-2005, new Oregon amendment updates standard to latest edition.

Item 275 – ANSI Z124.2-95, new Oregon amendment deletes standard because it was discontinued.

Item 276 – ANSI IAPMO Z124.3-2005, new Oregon amendment updates standard to latest edition.

Item 277 – ANSI IAPMO Z124.4-2006, new Oregon amendment updates standard to latest edition.

Item 278 – ANSI IAPMO Z124.5-2006, new Oregon amendment updates standard to the latest edition.

Item 279 – ANSI IAPMO Z124.6-97, new Oregon amendment updates standard to the latest edition.

Item 280 – ANSI IAPMO Z124.7-97, new Oregon amendment updates standard to the latest edition.

Item 281 – ANSI IAPMO Z124.8-90, new Oregon amendment updates standard to the latest edition.

Motion by Jonathan Gray to adopt Items 273 through 281.

Motion passed unanimously.

Item 282 – IAPMO/ANSI Z124.9-2004, existing Oregon amendment deletes standard for Plastics Urinals.

Chief Swisher recommended that the Oregon amendment be rejected because of an existing Oregon interpretive ruling allowing some plastic waterless urinals and adopt Item 283.

Motion by John Dodson to reject Item 282.

Motion passed unanimously.

Item 283 – IAPMO/ANSI Z124.9-2004, deletes existing Oregon amendment removing standards to Plastic Urinals.

Motion by Jonathan Gray to delete the existing Oregon amendment removing standards to Plastic Urinals.

Motion passed unanimously.

Item 284 – ANSI Z223.1-2002, exiting Oregon amendment deletes standard for National Fuel Gas Code.

Motion by Rich Miller to retain the existing Oregon amendment deleting the standard for National Fuel Gas Code.

Motion passed unanimously.

Item 285 – ISEA Z2358.1-2004, new model code standard for Emergency Eyewash and Shower Equipment.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 286 - ARI 1010-2002, new amendment deleting standard for Drinking Fountains and Self Contained, Mechanically Refrigerated Drinking Water Coolers because it has been discontinued.

Motion by Ron Murray to adopt the new Oregon amendment because this standard has been discontinued.

Motion passed unanimously.

Item 287 - ASCE 25-99, model code change adding the standard for Earthquake Actuated Automatic Gas Shutoff Devices.

Chief Swisher that this standard is outside the scope of the plumbing code and recommends it be rejected.

Motion by Ron Murray to reject Item 287.

Motion passed unanimously.

Item 288 - ASME A112.1.3-2005, new Oregon amendment creates a new amendment updating the standard to the latest edition.

Item 289 - ASME A112.4.7-2002, model code adds the standard for Point of Use and Branch Water Submetering Systems.

Item 290 - ASME A112.6.3-2001, model code change adds the standard for Floor and Trench Drains.

Item 291 - ASME A112.6.4-2003, model code changes adds the standard for Roof, Deck, and Balcony Drains.

Item 292 - ASME A112.6.7-2001, model code changes adds the standard for Enameled and Epoxy Coated Cast Iron and PVC Plastic Sanitary Floor Drains.

Item 293 - ASME A112.14.3-2000(R04), new Oregon amendment creates a new amendment updating the standard to the latest edition

Item 294 - ASME A112.18.2-2005, CA B125.2-05, model code change adding the standard for Plumbing Waste Fittings.

Item 295 - ASME A112.19.5-2005, new Oregon amendment creates a new amendment updating the standard to the latest edition.

Item 296 - ASME A112.19.6-95, model code change deleting the standard for Hydraulic Performance Requirements for Water Closets and Urinals. (Replaced with ASME A112.19.2M-2003)

Item 297 - ASME A112.19.7M-952006, new Oregon updates the standard to the latest edition.

Item 298 - ASME A112.19.8M-87(R05), new Oregon amendment updates the standard to the latest edition.

Item 299 - ASME A112.19.10-2003, model code change adds the standard for Dual Flush Devices for Water Closets.

Item 300 - ASME A112.19.12-2006, new Oregon amendment updates the standard to the latest edition.

Item 301 - ASME A112.19.13-2002, model code change adding the standard for Electrohydraulic Water Closets.

Item 302 - ASME A112.19.14-2006, model code change adding the standard for Six-Liter Water Closets Equipped with a Dual Flushing Device and updating the standard to the latest edition.

Item 303 - ASME A112.19.15-2005, model code change adding the standard for Bathtub/Whirlpool Bathtubs with Pressure Sealed Doors and updating the standard to the latest edition.

Item 304 - ASME A112.20.1-2004, model code change adding the standard for Qualifications of Installers of High Purity Systems.

Motion by Jonathan Gray to adopt Items 288 through 304.

Motion passed unanimously.

Item 305 - ASME A112.20.2-2004, model code change adding the standard for Qualifications of Installers of Firestop Systems and Devices for Piping Systems.

Chief Swisher noted that this section is in conflict with the State of Oregon licensing authority and recommends the rejection of this section.

Motion by Jonathan Gray to reject Item 305.

Motion passed unanimously.

Item 306 - ASME A112.26.1M-84, model code change deletes the standard for Water Hammer Arresters because it was cancelled by ASME.

Item 307 - ASME A112.26.1M-84, model code change deletes the standard for Water Hammer Arresters because it was cancelled by ASME.

Item 308 - ASME B1.20.1-83(R06), new Oregon amendment updates the standard to the latest edition.

Item 309 - ASME B16.1-98 2005, new Oregon amendment updates the standard to the latest edition.

Item 310 - ASME B16.3-98 (R06), new Oregon amendment updates the standard to the latest edition.

Item 311 - ASME B16.4-98 (R06), new Oregon amendment updates the standard to the latest edition.

Item 312 - ASME B16.12-98 (R06), new Oregon amendment updates the standard to the latest edition.

Item 313 - ASME B16.21-92 2005, new Oregon amendment updates the standard to the latest edition.

Item 314 - ASME B16.22-2001 (R05), new Oregon amendment updates the standard to the latest edition.

Item 315 - ASME B16.26-88 2006, new Oregon amendment updates the standard to the latest edition.

Motion by Jonathan Gray to adopt Items 306 through 315.

Motion passed unanimously.

Item 316 - ASME B16.32-92, model code change deletes the standard for Cast Copper Alloy Solder Joint Fittings for Solvent Drainage Systems.

Item 317 - ASME B16.33-2002, existing Oregon amendment deletes the standard for Manually Operated Metallic Gas Valves.

Item 318 - ASME B16.34-96 2004, new Oregon amendment updates the standard to the latest edition.

Motion by Jonathan Gray to adopt Items 316 through 318.

Motion passed unanimously.

Item 319 - ASME B16.38-85, model code change deletes the standard for Large Metallic Valves for Gas Distribution.

Item 320 - ASME B16.40-2002, model code change adds the standard for gas shutoff and valves.

Chief Swisher recommends that Items 319 and 320 be rejected because they address fuel gas piping systems and are beyond the scope of the plumbing code.

Motion by Rich Miller to reject Items 319 and 320.

Motion passed unanimously.

Chief Swisher corrected his recommendation indicated that 319 should be adopted and 320 rejected. Motion redirected by Rich Miller.

Motion to adopt 319.

Motion passed unanimously.

Motion to reject 320.

Motion passed unanimously.

Item 321 - ASME B16.50-2001, model code change adds the standard for Wrought Copper and Copper Alloy Braze-Joint Pressure Fittings.

Motion by Ron Murray to adopt model code.

Motion passed unanimously.

Item 322 - ASME B31.1-2004, model code change adds the standard for Power Piping.

Item 324 - ASME Section IV **Item 325**, model code change adds the standard for Construction of Heating Boilers.

Item 325 - ASME Section VIII, model code change adds the standard for Construction of Pressure Vessels.

Chief Swisher indicates that Items 322, 324 and 325 are part of the boiler program and recommends rejection of these items.

Motion by Ron Murray to reject Items 322, 324 and 325.

Motion passed unanimously.

Item 323 - ASME B36.19-85(R94) 2004, model code change adds the standard for Stainless Steel and updating the standard to the latest edition.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 326 - ASSE 1005-99, model code change adds the standard for Water Heater Drain Pans.

Item 327 - ASSE 1005-99, new Oregon amendment deletes standard for Water Heater Drain Pans because it has been discontinued.

Item 328

Item 329 - ASSE 1012-2002, model code change adds the standard for Backflow Prevention with Intermediate Atmospheric Vent.

Item 330 - ASSE 1024-2003, model code change adds the standard for Dual Check Valve Backflow Preventers.

Item 331 - ASSE 1028-81, model code change deletes the standard for Automatic Flow Controllers because it was discontinued.

Item 332 - ASSE 1034-81, model code change deletes the standard for Fixed Flow Restrictors because it was discontinued.

Item 333 - ASSE 1044-2001, Model code change adds the standard for Trap Seal Primer Devices-Drainage Types and Electronic Design Type.

Item 334 - ASSE 1048-2005, model code change adds the standard for Double Check Detector Fire Protection Backflow Prevention Assemblies.

Motion by Jonathan Gray to adopt Items 326 through 334.

Motion passed unanimously.

Item 335 - ASSE 1055-97, existing Oregon amendment deletes the standard for Chemical Dispensing Systems.

Chief Swisher commented that Oregon has traditionally approved abductor air gap fittings.

Motion by John Watts to adopt the existing Oregon amendment.

Motion passed unanimously.

Item 336 - ASSE 1057-2001, existing Oregon amendment adds the standard for Freeze Resistant Sanitary Yard Hydrants with Backflow Protection

Item 337 - ASSE 1062-97 2006, new Oregon amendment updates the standard to the latest edition.

Item 338 - ASSE 1069-2005, model code change adds the standard for Automatic Temperature Control Mixing Valves.

Item 339 - ASSE 1070-2004, model code change adds the standard for Water Temperature Limiting Devices.

Motion by Jonathan Gray to adopt Items 336 through 339.

Motion passed unanimously.

Item 340 - ASSE Series 5000-2004, new Oregon amendment deletes the standards because they exceed statute authority for licensing.

DEFERRED.

Item 341 - ASTM A48-2003, model code change adds the standard for Gray Iron Castings.

Item 342 - ASTM A 53-2006a, new Oregon amendment updates standard to latest edition.

Item 343 - ASTM A 74-2006a, new Oregon amendment updates standard to latest edition.

Item 344 - ASTM A 197M-2000(R06), new Oregon amendment updates standard to latest edition.

Item 345 - ASTM A 269-2004, model code change adds the standard for Seamless and Welded Austenitic Stainless Steel Tubing for General Service.

Item 346 - ASTM A 312-2006, new Oregon amendment updates standard to latest edition.

Motion by Jonathan Gray to adopt Items 340 through 346.

Motion passed unanimously.

Item 347 - ASTM A479M-2006a, model code change adds the standard for Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels and updating the standard to the latest edition.

Motion by Ron Murray to reject Item 347.

Motion passed unanimously.

Item 348 - ASTM A 653M-2006, new Oregon amendment updates standard to latest edition.

Item 349 - ASTM A 760-93, existing Oregon amendment adds the standard for Corrugated Steel Pipe.

Item 350 - ASTM A 888-2007, new Oregon amendment updates standard to latest edition.

Item 351 - ASTM B152M-2006a, new Oregon amendment updates standard to latest edition.

Item 352 - ASTM B 209-92, existing Oregon amendment adding the standard for Corrugated Aluminum Pipe.

Item 353 - ASTM B 584-2006a, new Oregon amendment updates standard to latest edition.

Item 354 - ASTM B587-97 (R06), new Oregon amendment updates standard to latest edition.

Item 355 - ASTM B 641-93, model code change deletes the standard for Seamless and Welded Copper Distribution Tube because it was discontinued.

Item 356 - ASTM B 642-88, model code change deletes the standard for Welded Copper Alloy UNS C21000 Water Tube because it was discontinued.

Item 357 - ASTM B 687-99(R05), new Oregon amendment updates standard to latest edition.

Item 358 - ASTM B 716-93, model code change deletes the standard for Welded Copper Water Tube because it was discontinued.

Item 359 - ASTM B 819-2000(R06), new Oregon amendment updates standard to latest edition.

Item 360 - ASTM C 14-2005a, new Oregon amendment updates standard to latest edition.

Item 361 - ASTM C 76-2005, new Oregon amendment adds the standard for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe.

Item 362 - ASTM C 296-2000(R04), new Oregon amendment updates standard to latest edition.

Item 363 - ASTM C 412-2005a, new Oregon amendment updates standard to latest edition.

Item 364 - ASTM C 428-2005(R06), new Oregon amendment updates standard to latest edition.

Item 365 - ASTM C 443-2005a, new Oregon amendment updates standard to latest edition.

Item 366 - ASTM C 478-2006a, new Oregon amendment updates standard to latest edition.

Item 367 - ASTM C 700-2005, new Oregon amendment updates standard to latest edition.

Item 368 - ASTM C 1053-2000(R05), new Oregon amendment updates standard to latest edition.

Item 369 - ASTM C 1173-2006, new Oregon amendment updates standard to latest edition.

Item 370 - ASTM C1277-2006, new Oregon amendment updates standard to latest edition.

- Item 371 - ASTM C 1461-2006**, new Oregon amendment updates standard to latest edition.
- Item 372 - ASTM C 1540-2004**, model code change adds the standard for Heavy Duty Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings.
- Item 373 - ASTM D 396-2001**, model code change deletes standard for Fuel Oil.
 Motion by Jonathan Gray to adopt Items 348 through 373.
 Motion passed unanimously.
- Item 374 - ASTM D 1784-2003**, model code change adds the standard for Rigid Poly Vinyl Chloride (PVC) Compounds and Chlorinated Poly Vinyl Chloride (CPVC) Compounds.
- Item 375 - ASTM D 1785-2006**, new Oregon amendment updates standard to latest edition.
- Item 376 - ASTM D 1869-95(R05)**, new Oregon amendment updates standard to latest edition.
- Item 377 - ASTM D 2146-82**, model code change deletes the standard for Polypropylene Plastic Molding and Extrusion Materials because it was replaced with ASTM D 4101.
- Item 378 - ASTM D 2241-2005**, new Oregon amendment updates standard to latest edition.
- Item 379 - ASTM D 2282-99 (R05)**, new Oregon amendment updates standard to latest edition.
- Item 380 - ASTM D 2321-2005**, new Oregon amendment updates standard to latest edition.
- Item 381 - ASTM D 2464-2006**, new Oregon amendment updates standard to latest edition.
- Item 382 - ASTM D 2465-73**, model code change deletes the standard for Threaded Acrylonitrile Butadiene Styrene (ABS) Plastic Pipe and Fittings, Schedule 80 because it was discontinued.
- Item 383 - ASTM D 2466-2006**, new Oregon amendment updates standard to latest edition.
- Item 384 - ASTM D 2467-2006**, new Oregon amendment updates standard to latest edition.
- Item 385 - ASTM D 2468-96**, model code change deletes the standard for Acrylonitrile Butadiene Styrene (ABS) Plastic Pipe and Fittings, Schedule 40 because it was discontinued.
- Item 386 - ASTM D 2469-76**, model code change deletes the standard for Socket Type Acrylonitrile Butadiene Styrene (ABS) Plastic Pipe and Fittings, Schedule 80 because it was discontinued.
- Item 387 - ASTM D 2513-2004**, existing Oregon amendment deletes the standard for Thermoplastic Gas Pressure Pipe Tubing and Fittings.
- Item 388 - ASTM D 2517-2000**, new Oregon amendment updates standard to latest edition.
- Item 389 - ASTM D 2564-2004**, new Oregon amendment updates standard to latest edition.
- Item 390 - ASTM D 2661-2006**, new Oregon amendment updates standard to latest edition.
- Item 391 - ASTM D 2665-2004ae2**, new Oregon amendment updates standard to latest edition.
- Item 392 - ASTM D 2729-2003**, model code change adds the standard for Poly Vinyl Chloride (PVC) Sewer Pipe and Fittings.
- Item 393 - ASTM D 2740-89**, model code change deleting the standard for Poly Vinyl Chloride (PVC) Tubing because it was discontinued.
- Item 394 - ASTM D 2751-2005**, new Oregon amendment updates standard to latest edition.
- Item 395 - ASTM D 2846-2006**, new Oregon amendment updates standard to latest edition.
- Item 396 - ASTM D 3033-85**, model code change deletes the standard for Type PSP Poly Vinyl Chloride (PVC) Sewer Pipe and Fittings because it was discontinued.
- Item 397 - ASTM D 3034-2006**, new Oregon amendment updates standard to latest edition.
- Item 398 - ASTM D 3036-73**, model code change deletes the standard for Poly Vinyl Chloride (PVC) Plastic Line Couplings because it was discontinued.
- Item 399 - ASTM D 3139-98(R05)**, new Oregon amendment updates standard to latest edition.

Item 400 - ASTM D 3140-90, model code change deletes the standard for Flaring Polyolefin Pipe and Tubing because it was discontinued.

Item 401 - ASTM D 3298-81, model code change deletes the standard for Perforated Styrene Rubber (SR) Plastic Drain Pipe because it was discontinued.

Item 402 - ASTM D 3311-2006, new Oregon amendment updates standard to latest edition.

Item 403 - ASTM D 3753-99, existing Oregon amendment adds the standard for Glass-Fiber-Reinforced Polyester Manholes.

Item 404 - ASTM D 3965-2005, new Oregon amendment updates standard to latest edition.

Item 405 - ASTM D 4101-2006a, new Oregon amendment updates standard to latest edition.

Item 406 - ASTM E 84-2006, new Oregon amendment updates standard to latest edition.

Item 407 - ASTM E 119-2005a, new Oregon amendment updates standard to latest edition.

Item 408 - ASTM E 814-2006, new Oregon amendment updates standard to latest edition.

Item 409 - ASTM F 402-2005, new Oregon amendment updates standard to latest edition.

Item 410 - ASTM F 405-2005, new Oregon amendment updates standard to latest edition.

Item 411 - ASTM F 437-2006, new Oregon amendment updates standard to latest edition.

Item 412 - ASTM F 439-2006, new Oregon amendment updates standard to latest edition.

Item 413 - ASTM F 442-99(R05), new Oregon amendment updates standard to latest edition.

Item 414 - ASTM F 443-77, model code change deletes the standard for Bell End Chlorinated Poly Vinyl Chloride (CPVC) Pipe, Schedule 40 because it was discontinued.

Item 415 - ASTM F 628-2006, new Oregon amendment updates standard to latest edition.

Item 416 - ASTM F 667-2006, new Oregon amendment updates standard to latest edition.

Item 417 - ASTM F 714-2006, new Oregon amendment updates standard to latest edition.

Item 418 - ASTM F 789-2003, new Oregon amendment deletes the standard because it was discontinued.

Item 419 - ASTM F 876-2005, new Oregon amendment updates standard to latest edition.

Item 420 - ASTM F 877-2005, new Oregon amendment updates standard to latest edition.

Item 421 - ASTM F 894-2005, Model code change adds the standard for Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe and updating the standard to the latest edition.

Item 422 - ASTM F 949-2006, new Oregon amendment updates standard to latest edition.

Item 423 - ASTM F 949-2006, new Oregon amendment deletes the standard because it was discontinued.

Item 424 - ASTM F 1281-2005, new Oregon amendment updates standard to latest edition.

Item 425 - ASTM F 1282-2006, new Oregon amendment updates standard to latest edition.

Item 426 - ASTM F 1476-2001, model code change adding the standard for Gasketed Mechanical Couplings for Use in Piping Applications.

Motion by Jonathan Gray to adopt Items 374 through 426.

Motion passed unanimously.

Item 427 - ASTM F 1807-2005, new Oregon amendment deletes the standard because it was discontinued.

Item 428 - ASTM F 1866-2005, new Oregon amendment updates the standard to the latest edition.

Item 429 - ASTM F 1924-2001, existing Oregon amendment deletes the standard for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing.

Item 430 - ASTM F 1948-99, existing Oregon amendment deletes the standard for Metallic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing.

Item 431 - ASTM F 1960-2005, new Oregon amendment deletes the standard because it was discontinued.

Item 432 - ASTM F 1970-2005, new Oregon amendment updates the standard to the latest edition.

Item 433 - ASTM F 1973-2002, existing Oregon amendment deletes the standard for Factory Assembled Anodeless Riser and Transition Fitting in Polyethylene (PE) Fuel Gas Distribution Systems.

Item 434 - ASTM F 1986-2001, existing Oregon amendment adds the standard for Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hot and Cold Drinking Water Piping Systems.

Item 435 - ASTM F 2080-2005, new Oregon amendment deletes the standard because it was discontinued.

Item 436 - ASTM F 2098-2004, model code change adds the standard for Stainless Steel Clamps for Securing SDR 9 Cross-Linked Polyethylene (PEX) Tubing to Metal Insert Fittings and updating the standard to the latest edition.

Item 437 - ASTM F 2159-2005, model code change adds the standard for Plastic Insert Fittings Utilizing a Copper Ring for SDR 9 Cross-Linked Polyethylene (PEX) Tubing and updating the standard to the latest edition.

Motion by Jonathan Gray to adopt Items 427 through 437.

Motion passed unanimously.

Item 438 - ASTM F 2165-2002, model code change adds the standard for Flexible Pre-Insulated Piping.

Item 439 - ASTM F 2262-2005, model code change adds the standard for Cross-Linked Polyethylene/Aluminum/Cross-Linked Polyethylene Tubing OD Controlled SDR 9 and updating the standard to the latest edition.

Item 440 - ASTM F2306-2005, new Oregon amendment adopts a new standard for CPE Piping.

Item 441 - ASTM F2389-2004, new Oregon amendment adds the standard for Pressure-Rated Polypropylene (PP) Piping Systems.

Item 442 - ASTM F 2434-2005, model code change adds the standard for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR 9 Cross-Linked Polyethylene (PEX) Tubing and Cross-Linked Polyethylene/Aluminum/Cross-Linked Polyethylene (PEX-AL-PEX) Tubing and updating the standard to the latest edition.

Item 443 - AWWA C153-2006, new Oregon amendment deletes the standard because it was discontinued.

Item 444- AWWA C504-2006, new Oregon amendment updates the standard to the latest edition.

Item 445 - AWWA C507-2005, new Oregon amendment updates the standard to the latest edition.

Item 446 - AWWA C902-96, model code change deletes the standard for Polybutylene (PB) Pipe, Tubing, and Fittings, ½ in. Through 3 in., for Water.

Item 447 - AWWA C907-2004, model code change adds the standard for Poly Vinyl Chloride (PVC) Pressure Fittings for Water – 4 in. Through 8 in. and updating the standard to the latest edition.

Motion by Jonathan Gray to adopt Items 438 to 447.

Motion passed unanimously.

Item 448 - CGA V-1 2005, model code change adds the standard for Compressed Gas Cylinder Valve Outlet and Inlet Connection and updating the standard to the latest edition.

Item 449 - CGA S-1.3 2005, model code change adds the standard for Pressure Relief Device Standards-Part 3-Stationary Storage Containers for Compressed Gas and updating the standard to the latest edition.

DEFERRED

Item 450 - CISPI 301-2004, existing Oregon amendment deletes the standard for Hubless Cast-Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications.

Item 451 - CISPI HSN-85, model code change deletes the standard for Neoprene Rubber Gaskets for Hub and Spigot Cast Iron Soil Pipe and Fittings because it was discontinued.

Item 452 - CSA A257-2003, model code change adds the standard for Concrete Pipe and Manhole Sections.

Item 453 - CSA B45-2002, model code change adds the standard for Plumbing Fixtures.

Item 454 - CSA B45.1-2002, model code change adds the standard for Ceramic Plumbing Fixtures.

Item 455 - CSA B45.2-2002, model code change adds the standard for Enameled Cast-Iron Plumbing Fixtures.

Item 456 - CSA B45.3-2002, model code change adds the standard for Porcelain-Enameled Steel Plumbing Fixtures.

Item 457 - CSA B45.4-2002, new Oregon amendment adds the standard for Stainless Steel Plumbing Fixtures.

Item 458 - CSA B45.5-2002, model code change adds the standard for Plastic Plumbing Fixtures.

Item 459 - CSA B45.9-2002, model code change adds the standard for Macerating Systems and Related Components.

Item 460 - CSA B45.10-2001(R06), model code change adds the standard for Hydromassage Bathtubs and updating the standard to the latest edition.

Item 461 - CSA B45.11-2004, model code change adds the standard for Glass Lavatories.

Item 462 - CSA B64-2001(R06), model code change adds the standard for Backflow Preventers and Vacuum Breakers and updates the standard to the latest edition.

Item 463 - CSA B64.1.1-2001(R06), model code change adds the standard for Vacuum Breaker, Atmospheric Type (AVB) and updates the standard to the latest edition.

Item 464 - CSA B64.1.2-2001(R06), model code change adds the standard for Vacuum Breaker, Pressure Type (PVB).

Item 465 - CSA B64.2-2001(R06), model code change adds the standard for Vacuum Breaker, Hose Connection Type (HCVB) and updates the standard to the latest edition.

Item 466 - CSA B64.2.1.1-2001(R06), model code change adds the standard for Vacuum Breaker, Hose Connection Type with Automatic Drainage Feature (HCVB).

Item 467 - CSA B64.4-2001(R06), model code change adds the standard for Backflow Preventers, Reduced Pressure Principle Type (RP) and updates the standard to the latest edition.

Item 468 - CSA B64.4.1-2001(R06), model code change adds the standard for Backflow Preventers, Reduced Pressure Principle Type for Fire Systems (RPF) and updates the standard to the latest edition.

Item 469 - CSA B64.5-2001(R06), model code change adds the standard for Backflow Preventers, Double Check Valve Type (DVCA) and updates the standard to the latest edition.

Item 470 - CSA B64.5.1-2001(R06), model code change adding the standard for Backflow Preventers, Double Check Valve Type for Fire Systems (DVCAF) and updates the standard to the latest edition.

Item 471 - CSA B64.7-2001(R06), model code change adds the standard for Vacuum Preventers, Laboratory Faucet Type (LFVB) and updates the standard to the latest edition.

Item 472 - CSA B125.3-2005, Create a new amendment updates the standard to the latest edition.

Item 473 - CSA B137.1-2005, model code change adds the standard for Polyethylene Pipe, Tubing, and Fittings for Cold Water Pressure Services and updates the standard to the latest edition.

Item 474 - CSA B137.5-2005, model code change adds the standard for Crosslinked Polyethylene (PEX) Tubing Systems for Pressure Applications and updates the standard to the latest edition.

Item 475 - CSA B137.9-2005, model code change adds the standard for Polyethylene/Aluminum/Polyethylene Composite Pressure-Pipe Systems and updates the standard to the latest edition.

Item 476 - CSA B137.10-2005, model code change adds the standard for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure-Pipe Systems and updates the standard to the latest edition.

Item 477 - CSA B181.3-2006, model code change adds the standard for Polyolefin Laboratory Drainage Systems and updates the standard to the latest edition.

Item 478 - CSA B242-80, model code change adds the standard for Groove and Shoulder Type Mechanical Pipe Couplings.

Item 479 - CSA B272-93(R00), model code change adds the standard for Prefabricated Self-Sealing Roof Vent Flashing.

Item 480 - CSA B356-2000(R06), model code change adds the standard for Water Pressure Reducing Valves for Domestic Water Supply Systems and updates the standard to the latest edition.

Item 481 - CSA G401-2001(R06), model code change adds the standard for Corrugated Steel Pipe Products and updates the standard to the latest edition.

Item 482 - IAPMO IGC 67-2005, New Oregon amendment adds the standard for Specialized Miscellaneous Plastic DWV Fittings and Fitting Assemblies.

Item 483 - IAPMO IGC 111-1999, New Oregon amendment adds the standard for Movable Sink for persons with limited mobility.

Item 484 - IAPMO IGC 187-2003, New Oregon amendment adds the standard for Roof Drains with Integral Overflow Drain.

Item 485 - IAPMO IGC 188-2004, New Oregon amendment adds the standard for Removable and Non-Removable Push Fit Fittings.

Item 485.1 - IAPMO IGC 195-2004, New Oregon amendment adds the standard for Floor Drain with Integrated Bonding Flange.

Item 486 - FS A-A-51145C, FSK65.59, FSM265-811, FSO-F-499D-85, FSO-F-506C-72, FSOO-L-201 f70, FS QQ-R-571C-69, FS TT-S-1732-71, FS WW-P 325B-76, FSWW-P-541-E-80, FS WW-U-516A-74, FS WW-V-54d, FS WW-V-58b, Model code change deletes outdated Federal Standards.

Motion by Jonathan Gray to adopt Items 450 through 486.

Motion passed unanimously.

Item 487 - IAPMO PS 1-2006, model code change adds the standard for Prefabricated Septic Tanks and updating the standard to the latest edition.

Motion by Jonathan Gray to reject item 487.

Motion passed unanimously.

Item 488 - IAPMO PS 2-2000, model code change deletes the standard for Cast Brass and Tubing P Traps.

Item 489 - IAPMO PS 4-2004, new Oregon amendment deletes the standard because it has been discontinued.

Item 490 - IAPMO PS 7-1984, model code change deletes the standard for Tubing Trap Wall Adapters.

Item 491 - IAPMO PS 9-1984, model code change deletes the standard for Diversion Tees and Twin Waste Elbows.

Item 492 - IAPMO PS 14-2002, new Oregon amendment deletes the standard because it has been discontinued.

Item 493 - IAPMO PS 14-2002, new Oregon amendment deletes the standard because it has been discontinued.

Item 494 - IAPMO PS 31-1995, model code change deletes the standard for Backflow Prevention Assemblies.

Motion by Jonathan Gray to adopt items 488 through 494.

Motion passed unanimously.

Item 495 , IAPMO PS 33-2006, model code change adds the standard for Flexible PVC Hose for Pools, Hot Tubs, Spas and Jetted Bathtubs and updates the standard to the latest edition. Chief Swisher commented that this section is not a plumbing product standard and recommends rejection because it's beyond the scope of the plumbing code.

Motion by Rich Miller to reject Item 495.

Motion passed unanimously.

Item 496 - IAPMO PS 38-99, model code change deletes the standard for ABS and PVC Backwater Valves.

Motion by Jonathan Gray to adopt model code.

Motion passed unanimously.

Item 497 - IAPMO PS 40-2001, model code change adds the standard for Andoleless Transition Riser for Use with PVC Gas Yard Piping.

Chief Swisher indicated that his section was beyond the scope of the plumbing code.

Motion by Rich Miller to reject Item 495.

Motion passed unanimously.

Item 498 - IAPMO PS 40-2001, new Oregon amendment deletes the standard because it has been discontinued.

Item 499 - IAPMO PS 41-2003, model code change deletes the standard for Copper and Other Metallic Roof/ Deck/Balcony Drains.

Item 500 - IAPMO PS 45-91, model code change deletes the standard for Bathtub Three Way Diverter Valves with Backflow Protection.

Item 501 - IAPMO PS 46-2006a, model code change adds the standard for Non-Integral Tile Flange Kits and updates the standard to the latest edition.

Item 502 - IAPMO PS 47-2002, model code change deletes the standard for Plastic Roof Drains.

Item 503 - IAPMO PS 48-2000, model code change deletes the standard for Material Safety Data Verification for Plumbing Products.

Item 504 - IAPMO PS 49-2002, model code change deletes the standard for Backflow Prevention Requirements for Fixture Fittings with Hose Connected Singular Moveable Outlets.

Item 505 - IAPMO PS 50-2005, new Oregon amendment updates the standard to the latest edition.

Item 506 - IAPMO PS 52-2006, new Oregon amendment updates the standard to the latest edition.

Item 507 - IAPMO PS 52-2006, new Oregon amendment updates the standard to the latest edition.

Item 508 - IAPMO PS 58-92, model code change deletes the standard for Supports for Off the Floor Plumbing Fixtures With or Without Concealed Tanks.

Item 509 - IAPMO PS 59-92, existing Oregon amendment deletes the standard for Septic Effluent and Waste Water Diverter Valves.

Motion by Jonathan Gray to adopt Items 498 through 509.

Motion passed unanimously.

Item 510 - IAPMO PS 61-2006a, new Oregon amendment updates the standard to the latest edition.

Item 511 - IAPMO PS 62-93, model code change deletes the standard for Enameled Cast Iron Sanitary Floor Sinks.

Item 512 - IAPMO PS 63-2005, new Oregon amendment updates the standard to the latest edition.

Item 513 - IAPMO PS 69-2006, new Oregon amendment updates the standard to the latest edition.

Item 514 - IAPMO PS 70-2001, model code change deletes the standard for Bathtub/Whirlpool Bathtubs with Pressure Sealed Doors.

Item 515 - IAPMO PS 71-2002, model code change deletes the standard for Electronic Controlled Showers.

Item 516 - IAPMO PS 77-99, model code change deletes the standard for Electrohydraulic Water Closets.

Item 517 - IAPMO PS 78-2001, model code change deletes the standard for Dual Flush for Electrohydraulic and Gravity Water Closets 6 Liter (1.6 Gallon).

Item 518 - IAPMO PS 79-2005, new Oregon amendment updates the standard to the latest edition.

Item 519 - IAPMO PS 80-2006, new Oregon amendment updates the standard to the latest edition.

Item 520 - IAPMO PS 81-2006, new Oregon amendment updates the standard to the latest edition.

Item 521 - IAPMO PS 83-95, model code change deletes the standard for Epoxy Coated Cast Iron Sanitary Floor Sinks.

Item 522 - IAPMO PS 84-95, model code change deletes the standard for PVC Plastic Sanitary Floor Sinks.

Item 523 - IAPMO PS 90-2006, new Oregon amendment updating the standard to the latest edition.

Item 524 - IAPMO PS 91-2005a, new Oregon amendment updates the standard to the latest edition.

Item 525 - IAPMO PS 99-2006, new Oregon amendment updates the standard to the latest edition.

Item 526 - IAPMO PS 102-2004a, new Oregon amendment deletes the standard because it was discontinued.

Item 527 - IAPMO PS 103-97, model code change deletes the standard for Water Heater Stands With or Without Pans.

Item 528 - IAPMO PS 106-2004a, new Oregon amendment updates the standard to the latest edition.

Item 529 - IAPMO PS 107-98, existing Oregon amendment deletes the standard for Aramid-Reinforced Rubber Hose for Use in Non-Potable Water Radiant Heating and Snow Melting.

Motion by Jonathan Gray to adopt items 510 through 529.

Motion passed unanimously.

Item 530 - IAPMO PS 108-98, existing Oregon amendment deletes the standard for Restaurant Fire Suppression Systems.

Item 531 - IAPMO PS 110-2006a, new Oregon amendment updates the standard to the latest edition.

Item 532 - IAPMO PS 115-2005, new Oregon amendment updates the standard to the latest edition.

Item 533 - IAPMO PS 117-2006a, new Oregon amendment updates the standard to the latest edition.

Item 534 - IAPMO PS 118-2000, new Oregon amendment deletes the standard because it was discontinued.

Item 535 - IAPMO PS 119-2006, new Oregon amendment updates the standard to the latest edition.

Item 536 - IAS 1-91 Model code change adds the standard for U.S. Requirements for Indirect Water Heaters for Use with External Heat Source.

Motion by Jonathan Gray to adopt items 530 through 536.

Motion passed unanimously.

Item 537 - IAS LC 1-2001CSA 6.26-M99, existing Oregon amendment deletes the standards for Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST) Fuel Gas. Chief Swisher commented that this standard is beyond the scope of the plumbing code.

Motion by John Dodson to reject Item 537.

Motion passed unanimously.

Item 538 - LADWP, model code change deletes the standard for Ultra Low Flush Toilet Requirements.

Item 539 - MSS SP-44-2006, new Oregon amendment updates the standard to the latest edition and updating the standard to the latest edition.

Item 540 - MSS SP-69-2003, model code change adds the standard for Pipe Hangers and Supports – Selection and Application and updating the standard to the latest edition.

Item 541 - MSS SP-70-2006, new Oregon amendment updates the standard to the latest edition.

Item 542 - MSS SP-71-2005, new Oregon amendment updates the standard to the latest edition.

Item 543 - MSS SP-73-2003, new Oregon amendment deletes the standard because it was discontinued.

Item 544 - MSS SP-83-2006, new Oregon amendment updates the standard to the latest edition.

Item 545 - MSS SP-84, Model code change deleting the standard for Steel Valves Socket Welding Ends and Threaded Ends.

Item 546 - MSS SP-89-2003, model code change adds the standard for Pipe Hangers and Supports – Fabrication and Installation Practices and updates the standard to the latest edition.

Item 547 - MSS SP-104-2003, model code change adds the standard for Wrought Copper Solder Joint Pressure Fittings.

Item 548 - MSS SP-106-2003, model code change adds the standard for Cast Copper Alloy Flanges and Flanges Fittings, Class 125, 150, and 300.

Item 549 - MSS SP-109-97, model code change adds the standard for Welded Fabricated Copper Solder Joint Pressure Fittings.

Item 550 - MSS SP-123-98, model code change adds the standard for Non-Ferrous Threaded and Solder-Joint Unions for Use with Copper Water Tube.

Motion by Jonathan Gray to adopt Items 538 through 550.

Motion passed unanimously.

Item 551 - NFPA 13R-2002, existing Oregon amendment deletes the standard for Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height. The committee discussed fire sprinkler systems and regulations.

Motion by Ron Murray to adopt the existing Oregon amendment in Item 551 that deletes the standards in NFPA 13R-2002.

Motion passed unanimously.

Item 552 - NFPA 13D-2002, new Oregon amendment deletes the standard because it is not within the scope of the Oregon Plumbing Specialty Code.

Motion by Ron Murray to reject Item 552.

Motion passed unanimously.

Item 553 - NFPA 31-2001, existing Oregon amendment deletes the standard for Installation of Oil-Burning Equipment.

Item 554 - NFPA 54-2002, existing Oregon amendment deletes the standard for National Fuel Gas Code.

Item 555 - NFPA 58-2004, existing Oregon amendment deletes the standard for Storage and Handling of Liquefied Petroleum Gases.

Item 556 - NFPA 85-2004, existing Oregon amendment deletes the standard for Boiler and Combustion Systems Hazards Code.

Item 557 - NFPA 99-2002, existing Oregon amendment deletes the standard for Health Care Facilities.

Motion by Jonathan Gray to adopt Items 553 through 557.

Motion passed unanimously.

Chairman Carlson announced that the next meeting will be held on June 20, 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 4:00 p.m.