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OREGON MECHANICAL SPECIALTY CODE

Final Matrix as of 8/5/09

CHAPTER 1

ADMINISTRATION

Code changes with an * denote an editorial change only, and are typically due to Statutory requirements specific to Oregon.

*101.1			Approved 6/17/09	Approved 8/5/09	Title change only
*101.2			Approved 6/17/09	Approved 8/5/09	"Maintenance" has been deleted, reference to Appendix C added and modification of Exception #1 to address ORSC scoping change.
*101.2.1			Approved 6/17/09	Approved 8/5/09	Appendices modified to reflect changes adopted in Oregon
*101.3			Approved 6/17/09	Approved 8/5/09	"Quality of materials" and " operation & maintenance or use " were deleted.
*101.4			Approved 6/17/09	Approved 8/5/09	" unconstitutional " was changed to " invalid "
*102.1			Approved 6/17/09	Approved 8/5/09	Reference to residential code was added
*102.2			Approved 6/17/09	Approved 8/5/09	" existing " was added
*102.3			Approved 6/17/09	Approved 8/5/09	The " Note: " was added
*102.5			Approved 6/17/09	Approved 8/5/09	Wordsmithing & reference to OSSC added
*102.7			Approved 6/17/09	Approved 8/5/09	Reference to ORSC added
*102.8			Approved 6/17/09	Approved 8/5/09	" codes and " was deleted 2 times, add statutory reference.
*102.9			Approved 6/17/09	Approved 8/5/09	The " Note: " was added
*103			Approved 6/17/09	Approved 8/5/09	" Liability " box was added. Remainder of section deleted.
*104.1			Approved 6/17/09	Approved 8/5/09	" maintenance or operation " and " or as provided for in section 104.2 through 104.8. " were deleted.
*104.2			Approved 6/17/09	Approved 8/5/09	The " NOTE: " was added (not adopted)
*104.4			Approved 6/17/09	Approved 8/5/09	Delete " or shall accept reports of inspection ".

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*[104.6]			Approved 6/17/09	Approved 8/5/09	Deleted section entirely.
*104.6[8]			Approved as modified 6/17/09	Approved Committee's modification 8/5/09	Insert OAR's specific to Oregon and renumber. Modification added new clarification on record retention.
*105			Approved 6/17/09	Approved 8/5/09	Add " NOTE "
*106			Approved 6/17/09	Approved 8/5/09	Add " NOTE "
*106.1			Approved 6/17/09	Approved 8/5/09	Add reference to ORS
*106.3			Approved 6/17/09	Approved 8/5/09	Add " NOTE " and Exception
*106.3.1			Approved 6/17/09	Approved 8/5/09	Delete third sentence - " and the materials and methods for maintaining required structural safety, fire resistance rating and fire blocking. " and part of last sentence.
*106.3.2			Approved 6/17/09	Approved 8/5/09	Added section on " Time limitation of application ".
*106.4			Approved 6/17/09	Approved 8/5/09	Add " NOTE "
*106.4.1			Approved 6/17/09	Approved 8/5/09	Add " NOTE "
	106.4.2		Approved 6/17/09	Approved 8/5/09	Added " laws or " in two places.
*106.4.4			Approved 6/17/09	Approved 8/5/09	Deleted last sentence.
*106.4.6			Approved 6/17/09	Approved 8/5/09	Modify section by adding Oregon Rules.
*106.5			Approved 6/17/09	Approved 8/5/09	Add " NOTE "
*Table 1-A			Approved 6/17/09	Approved 8/5/09	Add " Note " and Oregon fee tables.

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*106.5.3			Approved as modified 6/17/09	Approved Committee's modification 8/5/09	Modification is to delete note, delete model code language entirely and add " <u>The code official is authorized to establish a refund policy.</u> "
*106.5.4			Approved 6/17/09	Approved 8/5/09	Add section on plan review fees, including subsections.
* [107.1.1]			Approved 6/17/09	Approved 8/5/09	107.1 subsections were deleted (107.1.1, 107.1.2, 107.1.2.1, 107.1.2.2 and 107.1.2.3.)
*107.3			Approved 6/17/09	Approved 8/5/09	Add section on <u>contractors responsibilities</u>
* [108.1]			Approved 6/17/09	Approved 8/5/09	108.1 has been modified and new ORS box was added.

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*108.2			Approved as modified 6/17/09	Approved Committee's modification 8/5/09	" repair, removal or demolition " was deleted. Modification is to add the words " <u>.. is authorized to ..</u> " in the first sentence.
* [108.3]			Approved 6/17/09	Approved 8/5/09	Model code was deleted.
*108.3			Approved 6/17/09	Approved 8/5/09	Model code deleted and replaced with two Oregon subsections, and renumbered.
*108.4			Approved 6/17/09	Approved 8/5/09	Renumbered and last sentence modified.
* [108.6 through 108.7.3]			Approved 6/17/09	Approved 8/5/09	108.6 through 108.7.3 have been deleted and replaced with a Statute box.
*109			Approved 6/17/09	Approved 8/5/09	Model code deleted and Oregon language added, with Statute box.

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CHAPTER 2
DEFINITIONS

201.4			Approved 5/14/09	Approved 8/5/09	Oregon deletes first sentence and inserts references to " <i>Webster's Third New International Dictionary of the English Language, Unabridged, copyright 1986</i> "
	201.4		Approved 5/14/09	Approved 8/5/09	Recommend changing to be consistent with OSSC and ORSC.
202			Approved 5/14/09	Approved 8/5/09	Oregon added definitions for; Building Code, Building Official, Electrical Code, Fire Code, Plumbing Code and Vestibule . Oregon modified definitions of; Code Official, Unusually Tight Construction and Water Heater .
		202	Approved as modified 5/14/09	Approved Committee's modification 8/5/09	ICC added several new definitions; Modify by adding "metal" in last sentence of Air Dispersion System, Breathing Zone, Ceiling Radiation Damper, Combination Fire/Smoke Damper, Fire Damper, Interlock, Net Occupiable Floor Area, Occupiable Space, Push-fit Joints and Zone .
		202	Approved 5/14/09	Approved 8/5/09	ICC modified several definitions; Hood, Labeled, Light-duty Cooking Appliance, Mechanical Joint and Smoke Damper .
		202	Approved 6/3/09	Approved 8/5/09	ICC deleted a few definitions; Confined Spaces, Unconfined Spaces and Unusually Tight Construction .

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CHAPTER 3

GENERAL REGULATIONS

Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "**International**" or changing the word "**equipment**" to "**appliance**". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote a more substantial change, but which does not change the basic premise of the model code. Typically these changes are road-maps to other Oregon codes or add clarification to model code.

301.1			Approved 5/14/09	Approved 8/5/09	Oregon modifies the "Scope" by adding second paragraph.
*301.2			Approved 5/14/09	Approved 8/5/09	Oregon amendment re-directs energy requirements to the OSSC.
*301.3			Approved 5/14/09	Approved 8/5/09	Modify to reference Appendix C.
*301.6			Approved 5/14/09	Approved 8/5/09	Add reference box after 301.6.
301.13			Approved 5/14/09	Approved 8/5/09	Modify "Flood Hazard".
*303.3			Approved 5/14/09	Approved 8/5/09	Simplifies exception number 3, to be consistent with Appendix C and ORSC.
		303.5	Approved 5/14/09	Approved 8/5/09	ICC adds " water heater " in the first sentence.
		304.3	Approved 5/14/09	Approved 8/5/09	ICC deletes reference to Group H occupancies.
304.3			Approved 5/14/09	Approved 8/5/09	Oregon modification to " Elevation of ignition source "
		304.4	Approved 5/14/09	Approved 8/5/09	ICC adds code section dealing with Group H occupancies.
*304.5, 304.6, 304.7			Approved 5/14/09	Approved 8/5/09	Added references to Figure 304.1 . Figure shows barrier protection examples.
		304.6	Approved 5/14/09	Approved 8/5/09	ICC changed from " highest vehicle " to " highest door opening ".
Figure 304.1			Approved 5/14/09	Approved 8/5/09	Oregon adds Figure 304.1 showing barrier protection examples
304.10			Approved 5/14/09	Approved 8/5/09	Exception for existing conditions
		304.10	Approved 5/14/09	Approved 8/5/09	ICC adds a minimum height of 3 inches for slabs above grade.

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304.11			Approved 5/14/09	Approved 8/5/09	Oregon deletes requirement for roof hatches and adds exception dealing with existing buildings and replacement, repair or maintenance of appliances. Roof hatches are regulated under the OSSC.
		Table 305.5	Approved 5/14/09	Approved 8/5/09	ICC has added two new line items to the table.
		306.1	Approved 5/14/09	Approved 8/5/09	ICC adds working space requirements.
306.5			Approved 5/14/09	Approved 8/5/09	Oregon amendment - Exception for existing conditions.
		306.5	Approved 5/14/09	Approved 8/5/09	ICC clarifies requirements for climbing over parapet walls. Also provides landing dimensions for ladders in Item No. 6.
		306.5.1	Approved 5/14/09	Approved 8/5/09	ICC adds requirements for sloped roofs greater than 4/12.
306.5.1			Approved 5/14/09	Approved 8/5/09	Oregon amendment - Exception for existing conditions.
307.2.1			Approved 5/14/09	Approved 8/5/09	Oregon added 3 specific requirements for condensation of units according to their size.
		307.2.1	Approved 5/14/09	Approved 8/5/09	ICC adds minimum slope requirement for condensate discharge.
		307.2.2	Disapproved 5/14/09	Approved Committee's disapproval 8/5/09	ICC added road maps to plumbing code and table.
		Table 307.2.2	Approved 5/14/09	Approved 8/5/09	ICC adds a table to provide minimum condensate piping sizes.
		307.2.3	Approved 5/14/09	Approved 8/5/09	ICC provided clarity through wordsmithing.
		307.2.3.1	Approved 5/14/09	Approved 8/5/09	ICC provided clarity through wordsmithing
		307.2.3.2	Approved 5/14/09	Approved 8/5/09	ICC adds a new section dealing with auxiliary pans.
308.2			Approved 5/14/09	Approved 8/5/09	Oregon added an Exception covering " <u>unlisted appliances</u> "
		Table 308.6	Approved 5/14/09	Approved 8/5/09	ICC added a new footnote dealing with solid fuel-burning appliances.
Table 308.6			Approved 5/14/09	Approved 8/5/09	Oregon added last line of protection.

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[309, 310, 311 & 312]			Approved as modified 5/14/09	Approved Committee's modification 8/5/09	Oregon amendment deletes these sections in the 2007 edition of the code. This modification undeletes Sections 309 and part of 312.
		312.1	Approved 5/14/09	Approved 8/5/09	ICC added a new standard and delete language referencing ASHRAE Handbooks.

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CHAPTER 4
VENTILATION

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401.1			Approved as modified 5/14/09	Approved Committee's modification 8/5/09	Oregon amendment adds the following; " The principles specified in ASHRAE Standard 62-2001 may be used as an alternate to this chapter to demonstrate compliance with required ventilation air for occupants. " (Modification is to change edition year to 2007 instead of 2004)
		401.1	Approved 5/14/09	Approved 8/5/09	ICC adds clarity to this section by listing types of systems which are covered by this chapter.
	401.2		Approved 6/3/09	Approved 8/5/09	BCD staff proposal #3
*401.2			Approved 5/14/09	Approved 8/5/09	Oregon puts in a reference to OSSC and a note box.
		401.4	Approved 5/14/09	Approved 8/5/09	ICC reformatted Sections 401.4, 401.4.1, 401.4.2 and 401.4.3. Item three now requires 3 feet below, 06 code required 2 feet. Distance from plumbing vents has been deleted from list of items in Item No. 2. Reference to environmental exhaust is gone.
401.4.1			Approved 5/14/09	Approved 8/5/09	Oregon adds " gas meters " to list of hazardous or noxious contaminates. (Place OR. Amendment in Section 401.4, Item 2)
* 402			Approved as modified 5/14/09	Approved Committee's modification 8/5/09	Oregon deleted, sends user to the OSSC. Modification retains model code language, but add "Note" to clarify that the requirements are under OSSC.
		403.1	Approved 6/17/09	Approved 8/5/09	ICC deleted the second paragraph. This paragraph established requirements for a occupied zone.
		403.2	Approved 6/17/09	Approved 8/5/09	ICC put in new language concerning airflow in a <i>breathing zone</i> .
403.2.2			Approved 6/17/09	Approved 8/5/09	Oregon deletes first part of sentence and adds 3 exceptions.

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403.3			Approved 6/17/09	Approved 8/5/09	Oregon adds clarifying language.
		403.3	Approved 6/17/09	Approved 8/5/09	ICC provided clarity through wordsmithing. They also added a new paragraph about smoking.
		403.3.1, 403.3.1.1 through 403.4	Approved 6/17/09	Approved 8/5/09	ICC deleted 403.3.3 and replace with a completely new method of figuring outdoor ventilation. According to the ICC monograph these changes are based on ASHRAE 62-04.
		Table 403.3.2.3.2	Approved 6/17/09	Approved 8/5/09	ICC put in new table dealing with system ventilation efficiency.
		Table 403.3	Approved 6/17/09	Approved 8/5/09	ICC has made several modifications to this table, including the footnotes.
	Table 403.3		Approved 6/17/09	Approved 8/5/09	BCD staff proposal #1 and BCD staff proposal #4
		403.7	Approved 6/17/09	Approved 8/5/09	ICC provided clarity through wordsmithing.
*404.1.1			Approved 5/14/09	Approved 8/5/09	Oregon puts in a reference to OSSC.
		404.2	Approved 5/14/09	Approved 8/5/09	ICC provided clarity through wordsmithing and changed airflow rate from 1.5 to <u>.75</u> .
*405.1.1			Approved 5/14/09	Approved 8/5/09	Oregon puts in a reference to OSSC.

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CHAPTER 5

EXHAUST SYSTEMS

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		501.1	Approved 6/3/09	Approved 8/5/09	ICC provided clarity through wordsmithing.
		501.2.1	Approved 6/3/09	Approved 8/5/09	ICC added language in Item 3 dealing with environmental exhaust (from Chapter 4) and item dealing with flood hazard issues, also added several road-map clarifications.
		501.2.1.1 & 501.2.2	Approved 6/3/09	Approved 8/5/09	ICC created two new sections from information that was deleted in Chapter 4.
		501.3	Approved 6/3/09	Approved 8/5/09	ICC added R-2 occupancy
*502.6			Approved 6/3/09	Approved 8/5/09	Oregon deletes the parts of this section which are outside the scoping provisions of the Oregon code.
* [502.7.4]			Approved 6/3/09	Approved 8/5/09	Oregon deletes this section which is outside the scoping provisions of the Oregon code.
* [502.7.7]			Approved 6/3/09	Approved 8/5/09	Oregon deletes this section which is outside the scoping provisions of the Oregon code.
* 502.19			Approved 6/17/09	Approved 8/5/09	Deletion of last sentence because these are OSHA regulations and are not part of the scope of this code.
		504.2	Approved 6/3/09	Approved 8/5/09	ICC added a new first sentence dealing with clothes dryer exhaust duct penetrations.
		504.5	Approved 6/3/09	Approved 8/5/09	ICC adds clarification on makeup air requirements

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		504.6 through 504.6.3	Approved 6/3/09	Approved 8/5/09	ICC provided clarity through wordsmithing.
504.6.3			Approved 6/3/09	Approved 8/5/09	Delete " and shall be listed and labeled for the application "
		504.6.4 through 504.6.4.2 and Table 504.6.4.1	Approved 6/3/09	Approved 8/5/09	ICC has changed the maximum length from 25 to 35 and added a new table with several option for 90 ⁰ ells.
		504.6.5	Approved 6/3/09	Approved 8/5/09	ICC has inserted a new requirement for a permanent label or tag.
		504.6.6	Approved 6/3/09	Approved 8/5/09	ICC added new exception concerning condensing dryers.
		504.6.7	Approved 6/3/09	Approved 8/5/09	ICC added new section on nailing plates.
		504.8	Approved 6/3/09	Approved 8/5/09	ICC added prescriptive requirements dealing with a common exhaust of multiple dryers in a multi-story scenario.
	505.1		Approved 6/3/09	Approved 8/5/09	BCD staff proposal #2
		505.2	Approved 6/3/09	Approved 8/5/09	ICC added makeup air provisions when dealing with domestic kitchen hoods that are in excess of 400 cfm.
		506.3.1.1	Approved 6/3/09	Approved 8/5/09	ICC added a new standard.
		506.3.2.1	Approved 6/3/09	Approved 8/5/09	ICC added another duct joint type.
	OMSC 10-03		Approved 6/3/09	Approved 8/5/09	Proposal submitted by Oregon Mechanical Officials Association for section 506.3.2.5
		506.3.2.5	Approved 6/3/09	Approved as Modified 8/5/09	ICC deleted a couple of requirements in the first paragraph and added a new last sentence to the second paragraph. Board added the following language: "A light test <u>or an approved equivalent pressure test shall be performed.....</u> "
[506.3.2.5]			Disapproved 6/3/09	Approved Committee's disapproval 8/5/09	Oregon deletes this section on duct testing.
		506.3.6	Approved 6/3/09	Approved 8/5/09	ICC adds a new standard to exception 1 and adds a new exception

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					3 to address field-applied grease duct enclosures
506.3.7.1			Approved as Modified 6/3/09	Approved Committee's modification 8/5/09	Oregon added requirements for grease diverters. Modification is to move Section 506.5.2 and renumbered to 506.5.2.1.
		506.3.8	Approved 6/3/09	Approved 8/5/09	ICC deleted sentence about use of a tool to open grease duct cleanout.
		506.3.9	Approved 6/3/09	Approved 8/5/09	ICC added new provisions concerning cleanouts serving in-line fans.
		506.3.10 through 506.3.10.4	Approved 6/3/09	Approved 8/5/09	ICC reformatted these sections concerning grease duct shaft enclosures.
		506.3.12.3	Approved 6/3/09	Approved 8/5/09	ICC reiterates requirements found in 401.4.
		[506.4.1]	Approved 6/3/09	Approved 8/5/09	ICC deletes this section on Type II exhaust outlets.
		506.4.2	Approved 6/3/09	Approved 8/5/09	ICC reformatted code requirements deleted above and added some provisions from Chapter 4.
		507.1	Approved 6/3/09	Approved 8/5/09	ICC added clarification to exceptions 2 & 3.
		507.2.1	Approved 6/3/09	Approved 8/5/09	ICC provided clarity.
[507.2.1.1]			Approved as Modified 6/3/09	Approved Committee's modification 8/5/09	Oregon deletes Section on " Operations ". Modification is to undelete this section and add exception dealing with standing pilot appliances.
		507.2.2	Approved 6/3/09	Approved 8/5/09	ICC modified this section concerning Type II hoods, they deleted the exceptions and provided an alternate relating to HVAC system design.
	507.2.3		Approved as Modified 6/3/09	Approved Committee's modification 8/5/09	<u>BCD staff proposal #5</u>
507.9			Approved as Modified 6/3/09	Approved Committee's modification 8/5/09	Oregon amendment to reduce clearances & delete exceptions. Modification undeletes exceptions.

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		507.9	Approved 6/3/09	Approved 8/5/09	ICC added ½ inch cementitious wallboard to the exception.
		508.1	Approved 6/3/09	Approved 8/5/09	ICC provided clarity.
		508.1.1	Approved 6/3/09	Approved 8/5/09	ICC provided clarity.
		508.2	Approved 6/3/09	Approved 8/5/09	ICC added new exception dealing with makeup air and compensating hoods.
*509.1, 509.2, 509.3, 509.4 & 509.5			Approved 6/3/09	Approved 8/5/09	Oregon adds these sections for automatic fire suppression system. They're consistent with the Fire Code.
	509.3		Approved 6/3/09	Approved 8/5/09	Staff suggest replacing current language with appropriate language from the fire code. This was inadvertently missed during last code cycle. It was the intent of the pervious code committee to mimic fire code requirements.
		510.4	Approved 6/3/09	Approved 8/5/09	ICC provided clarity.
	510.5.8		Approved 6/3/09	Approved 8/5/09	BCD staff proposal #6
		510.6.1	Approved 6/3/09	Approved 8/5/09	ICC added or combined fire dampers with smoke dampers.
		510.8	Approved 6/3/09	Approved 8/5/09	ICC added standard.
	OMSC 10-02		Approved as Modified 6/17/09	Approved Committee's modification 8/5/09	Proposal submitted by Oregon Mechanical Officials Association for section 511.1.1 Exception 1 and 2. Modifications are format only.
		513	Approved 6/3/09	Approved 8/5/09	Section 513 deals with smoke control systems. Smoke control systems are regulated and inspected under the OSSC, but the language was added by ICC to the mechanical code for consistency. There have been several changes to the 09 IBC concerning smoke control systems and they have been reflected in the 09 IMC. Since these changes are under the purview of the structural committee any changes they make we'll mimic them here also.

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CHAPTER 6
DUCT SYSTEMS

Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "**International**" or changing the word "**equipment**" to "**appliance**". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote a more substantial change, but which does not change the basic premise of the model code. Typically these changes are road-maps to other Oregon codes or add clarification to model code.

		601.2	Approved 6/3/09	Approved 8/5/09	ICC added another exception dealing with health care facilities.
		601.4	Approved 6/3/09	Approved 8/5/09	ICC added road-maps to other sections.
		602.2	Approved 6/3/09	Approved 8/5/09	ICC added standard.
		602.2.1.4	Approved 6/3/09	Approved 8/5/09	ICC added clarification.
		602.2.1.5	Approved 6/3/09	Approved 8/5/09	ICC added standard.
		603.4.1	Approved 6/3/09	Approved 8/5/09	ICC added new section dealing with fasteners for ducts.
		Table 604.4	Approved 6/3/09	Approved 8/5/09	ICC separated out a couple of new size categories.
		603.7	Approved 6/3/09	Approved 8/5/09	ICC added language from the IRC to deal with duct penetration between the dwelling and garage.
		603.8.1	Approved 6/3/09	Approved 8/5/09	ICC added a minimum slope to underground ducts.
603.9			Approved 6/3/09	Approved 8/5/09	Oregon amendment reformats model code language and adds clarifying language dealing with duct sealing.
		603.9	Approved 6/3/09	Approved 8/5/09	ICC added clarifications and new exception.
	603.9.1.3		Approved 6/3/09	Approved 8/5/09	Staff recommends incorporating new ICC language into current Oregon language.
*604.1			Approved 6/3/09	Approved 8/5/09	Changes reference to the OSSC.
		604.3	Approved 6/3/09	Approved 8/5/09	ICC added standard.
		604.7	Approved 6/3/09	Approved 8/5/09	ICC added an exception for spray polyurethane foam and new item No. 4 providing customer with r-value of foam.
[604.11]			Approved 6/3/09	Approved 8/5/09	Oregon deleted section on " Vapor retarders "

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		607	Approved 6/3/09	Approved 8/5/09	Section 607 deals with ducts and air transfer openings. This section is taken out of the IBC. There have been several changes to the 09 IBC concerning ducts and air transfer openings and they have been reflected here in the 09 IMC. Any changes to Section 607 should be done in conjunction with the structural committee.
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Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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<p style="text-align: center;"><u>CHAPTER 7</u> COMBUSTION AIR</p> <p>Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "International" or changing the word "equipment" to "appliance". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote a more substantial change, but which does not change the basic premise of the model code. Typically these changes are road-maps to other Oregon codes or add clarification to model code.</p>					
*701.1			Approved 6/3/09	Approved 8/5/09	Oregon adds reference to Appendix C .
		701.1	Approved 6/3/09	Approved 8/5/09	ICC has deleted all of Chapter 7 and references NFPA 31 for oil-fired appliances, manufacturer's installation instructions for solid fuel-burning appliances and Appendix C for fuel-gas appliances.
701.3			Disapproved 6/3/09	Approved Committee's disapproval 8/5/09	Oregon adds an exception and new subsection 701.3.1

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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CHAPTER 8

CHIMNEYS & VENTS

Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "**International**" or changing the word "**equipment**" to "**appliance**". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote a more substantial change, but which does not change the basic premise of the model code. Typically these changes are road-maps to other Oregon codes or add clarification to model code.

*801.1			Approved 6/3/09	Approved 8/5/09	Oregon adds reference to Appendix C .
		801.2	Approved 6/3/09	Approved 8/5/09	ICC added a new exception- roadmap
		801.18.4	Approved 6/3/09	Approved 8/5/09	ICC re-wrote the exception - wordsmithing
		801.18.4.1	Approved 6/3/09	Approved 8/5/09	ICC moved this verbiage from the previous exception- not new
		801.20	Approved 6/3/09	Approved 8/5/09	ICC provided clarification.

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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CHAPTER 9

SPECIFIC APPLIANCES, FIREPLACES & SOLID FUEL-BURNING EQUIPMENT

Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "[International](#)" or changing the word "[equipment](#)" to "[appliance](#)". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote a more substantial change, but which does not change the basic premise of the model code. Typically these changes are road-maps to other Oregon codes or add clarification to model code.

*901.1			Approved 6/3/09	Approved 8/5/09	Oregon amendment removes the word " maintenance " in two places and adds reference to Appendix C .
*906.1			Approved 6/3/09	Approved 8/5/09	Oregon amendment adds reference to Appendix C .
907.1			Approved 6/3/09	Approved 8/5/09	Oregon deletes reference to standard.
[908.7]			Disapproved 6/3/09	Approved Committee's disapproval 8/5/09	Oregon deleted Section 908.7 entirely – belongs in Chapter 11.
		913.1	Approved 6/3/09	Approved 8/5/09	ICC added a standard.
		914.2	Approved 6/3/09	Approved 8/5/09	ICC added a standard.
		915.1	Approved 6/3/09	Approved 8/5/09	ICC added a standard.
		917.1	Approved 6/3/09	Approved 8/5/09	ICC added several standards.
917.4			Approved 6/3/09	Approved 8/5/09	Oregon added section concerning microwave ovens.
918.6			Approved 6/3/09	Approved 8/5/09	Oregon added an amendment to exempt appliances with built-in systems.
		918.6	Approved as Modified 6/17/09	Approved Committee's modification 8/5/09	ICC modified Item 5 and added an exception. They also added a new Item 6 which deals with unconditioned crawl spaces. Modification deletes last sentence in item #6.
923			Approved 6/3/09	Approved 8/5/09	Oregon added a section on kilns .
		924.1	Approved 6/3/09	Approved 8/5/09	ICC added a standard.
		927	Approved 6/3/09	Approved 8/5/09	ICC adds a new section on heat recovery ventilators.

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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*928			Approved 6/3/09	Approved 8/5/09	Oregon added section on solid-fuel-burning devices (DEQ issue).
			Approved 6/3/09	Approved 8/5/09	
			Approved 6/3/09	Approved 8/5/09	

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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CHAPTER 10

BOILERS, WATER HEATERS & PRESSURE VESSELS

Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "**International**" or changing the word "**equipment**" to "**appliance**". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote a more substantial change, but which does not change the basic premise of the model code. Typically these changes are road-maps to other Oregon codes or add clarification to model code.

1001.1			Approved 6/3/09	Approved 8/5/09	Oregon deletes model code & inserts different scoping provision.
1002.1			Approved 6/3/09	Approved 8/5/09	Oregon deletes last 3 sentences.
1003.1			Approved 6/3/09	Approved 8/5/09	Oregon modifies the "Scope"
		1003.1	Disapprove 6/3/09	Approved Committee's disapproval 8/5/09	ICC added reference to ASME Boiler code.
1003.2			Approved 6/3/09	Approved 8/5/09	Oregon deletes " Piping " & inserts " Workmanship ".
1003.3			Approved 6/3/09	Approved 8/5/09	Deleted in Oregon
1004.1			Approved 6/3/09	Approved 8/5/09	Oregon deletes " Standards " & replaces with " Definitions ".
1004.2 - 1004.7			Approved 6/3/09	Approved 8/5/09	Oregon deletes these sections.
1005			Approved 6/3/09	Approved 8/5/09	Oregon deletes model code language & replaces these sections with " Permit Required ".
1006			Approved 6/3/09	Approved 8/5/09	Oregon deletes model code language & replaces these sections with " Detailed requirements ".
1007			Approved 6/3/09	Approved 8/5/09	Oregon deletes model code language & replaces these sections with " Expansion Tanks ".
1008 - 1011			Approved 6/3/09	Approved 8/5/09	Deletes model code & replaces with Oregon Amendments.
1012 - 1017			Approved 6/3/09	Approved 8/5/09	Oregon Amendments.

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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<u>CHAPTER 11</u> REFRIGERATION					
<p>Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "International" or changing the word "equipment" to "appliance". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote a more substantial change, but which does not change the basic premise of the model code. Typically these changes are road-maps to other Oregon codes or add clarification to model code.</p>					
*1101.1			Approved 6/3/09	Approved 8/5/09	Oregon adds reference box.
		Table 1103.1	Approved 6/3/09	Approved 8/5/09	ICC has updated this table to be consistent with ASHREA 34.
*1101.5			Approved 6/3/09	Approved 8/5/09	Oregon amendment adds reference to <u>Appendix C</u> .
* [1101.7, 1101.8 &- 1101.9]			Approved 6/3/09	Approved 8/5/09	Oregon has deleted these three sections because they dealt with maintenance issues.
		1101.10	Approved 6/3/09	Approved 8/5/09	ICC added a new section dealing with locking access port caps.
		1104.2.2	Approved 6/3/09	Approved 8/5/09	ICC added "..... <u>other than ammonia</u> ," to Item 6.
1105.1 - 1105.5			Approved 6/3/09	Approved 8/5/09	Oregon deletes model code & replaces with language from the building code concerning mechanical rooms.
1106.3 - 1106.7			Approved 6/3/09	Approved 8/5/09	Oregon added language from the building code for clarification, remainder of 1106 was renumbered.
1106.10			Approved 6/3/09	Approved 8/5/09	Oregon added language to clarify placement of remote controls.
		1107.2 through 1107.2.2	Approved 6/3/09	Approved 8/5/09	ICC added several new sections to 1107. These sections add clarity to the installation of refrigeration piping.
* [1109]			Approved 6/3/09	Approved 8/5/09	Oregon deleted this section. This is a maintenance issue.

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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CHAPTER 12

HYDRONIC PIPING

Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "[International](#)" or changing the word "[equipment](#)" to "[appliance](#)". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote a more substantial change, but which does not change the basic premise of the model code. Typically these changes are road-maps to other Oregon codes or add clarification to model code.

		1201.3	Approved 6/3/09	Approved 8/5/09	ICC provided an option to using this chapter to design a hydronic system – ASME B31.9.
		Table 1202.4	Approved 6/3/09	Approved 8/5/09	ICC added several products to their list of approved piping materials.
		Table 1202.5	Approved 6/3/09	Approved 8/5/09	ICC added a couple of products to their list of approved fitting materials.
		1203.8.2	Approved 6/3/09	Approved 8/5/09	ICC added a new section on push-fit joints.
		1203.15.1	Approved 6/3/09	Approved 8/5/09	ICC added reference to standard.
		1203.16 through 1203.19.2	Approved 6/3/09	Approved 8/5/09	ICC added several new types of joints and connections. They're all different types of plastic materials. (PP), (PE-RT), (PE-AL-PE) & (PEX-AL-PEX)
		1204.1	Approved 6/3/09	Approved 8/5/09	ICC added reference to standard.
*1205.1.1			Approved 6/3/09	Approved 8/5/09	Oregon deleted reference to Section 1005.1 .
		1206.1.1	Approved 6/3/09	Approved 8/5/09	ICC deleted this sub-section dealing with prohibited fittings.
		1206.2	Approved 6/3/09	Approved 8/5/09	ICC added a new exception about buried systems.
1208.1			Approved 6/3/09	Approved 8/5/09	Oregon amendment modifies testing requirements for PEX piping systems.
1208.1.2			Approved 6/3/09	Approved 8/5/09	Oregon adds section on PEX pipe.

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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1209.1 - 1209.3.4			Approved 6/3/09	Approved 8/5/09	Oregon amendment adds language to recognize <u>PEX</u> , <u>PEX/AL/PEX</u> to be used as embedded piping. Deletes the term “other approved plastic piping ” from the section.
		1209.5 through 1209.5.4	Approved 6/3/09	Approved 8/5/09	ICC added thermal barrier requirements.

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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CHAPTER 13

FUEL OIL PIPING & STORAGE

Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "**International**" or changing the word "**equipment**" to "**appliance**". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote a more substantial change, but which does not change the basic premise of the model code. Typically these changes are road-maps to other Oregon codes or add clarification to model code.

1301.1			Approved 6/3/09	Approved 8/5/09	Oregon deleted second sentence.
*1301.2			Approved 6/3/09	Approved 8/5/09	Oregon added reference to "... and the Oregon Department of Environments Quality. "

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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<p><u>CHAPTER 14</u> SOLAR SYSTEMS</p> <p>Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "International" or changing the word "equipment" to "<u>appliance</u>". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote a more substantial change, but which does not change the basic premise of the model code. Typically these changes are road-maps to other Oregon codes or add clarification to model code.</p>					
1401.1			Approved 6/3/09	Approved 8/5/09	Oregon added " <u>.. nonpotable space heating, ...</u> " and deleted " ... domestic hot water heating... "

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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CHAPTER 15
REFERENCED STANDARDS

Standards			Approved 6/3/09	Approved 8/5/09	Carry forward current Oregon amendments.
		Standards	Approved 6/3/09	Approved 8/5/09	<p>ICC has updated most of their standards and added several new ones. The following are the new ones;</p> <p>ACCA 183-07</p> <p>ASME B31.9-04</p> <p>ASTM D2657-07 D3261-03 D3309-96a(02) E1509-04 E2231-04 E2336-04 F1282-06 F1924-05 F2389-06 F2623-07</p> <p>AWWA C110/A21.10-03 C115/A21.15-99 C151/A21.51-02 C153/A21.53-00</p> <p>CSA B137.9-M91 CAN/CSA</p> <p>NFPA 70-08</p> <p>UL 723-03 858-05</p>

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
					875-04 923-02 1812-05 1815-01 2200-04
	10-02		Approved 6/3/09	Approved 8/5/09	New proposal was approved to Section 511.1.1 which included two new standards. NFPA 654-00 664-02

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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APPENDIX A and APPENDIX B
Not adopted in Oregon

APPENDIX C
CHAPTER 1 (C-1)

Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "**International**" or changing the word "**equipment**" to "**appliance**". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote a more substantial change, but which does not change the basic premise of the model code. Typically these changes are road-maps to other Oregon codes or add clarification to model code.

* [101.1]			Approved 6/3/09	Approved 8/5/09	Oregon deleted " Title " section.
*C101.2			Approved 6/3/09	Approved 8/5/09	Oregon adds the word Appendix .
*C101.2.1			Approved 6/3/09	Approved 8/5/09	Change Chapter to Section .
*C101.2.2			Approved 6/3/09	Approved 8/5/09	Oregon deleted "... operation & maintenance ."
C101.2.4			Approved 6/3/09	Approved 8/5/09	Oregon deleted model code exemptions #2 & #10 and modified exceptions #1 and #11.
[101.2.5]			Approved 6/3/09	Approved 8/5/09	Oregon deleted model code section " Other fuels ".
[101.3]			Approved 6/3/09	Approved 8/5/09	Oregon deleted model code section " Appendices ".
*C101.3			Approved 6/3/09	Approved 8/5/09	Oregon deleted "... operation & maintenance or use ..."
[102, 103, 104, 105 & 106]			Approved 6/3/09	Approved 8/5/09	Oregon deleted these model code sections.

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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		C102.1 [107.1]	Approved 6/3/09	Approved 8/5/09	ICC added a new section about BO authority for inspections. This is a repeat of new language in Chapter 1 of the IMC, depending on what the committee chooses to with that language we may need to either delete this section or modify it to match.
		C102.3.1 [107.4.1]	Approved 6/3/09	Approved 8/5/09	ICC added new section concerning revocation. This is a repeat of new language in Chapter 1 of the IMC, depending on what the committee chooses to with that language we may need to either delete this section or modify it to match.
		C102.5 [107.6]	Approved 6/3/09	Approved 8/5/09	ICC added new section dealing with the connection of service utilities.
[107.2.1 - 107.1.2.3]			Approved 6/3/09	Approved 8/5/09	Oregon deleted these sections
[108 & 109]			Approved 6/3/09	Approved 8/5/09	Oregon deleted these two sections
		110	Approved 6/3/09	Approved 8/5/09	ICC added a new section concerning temporary use of equipment and systems. I believe the BO already has this authority.

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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APPENDIX C
CHAPTER 2 (C-2)

Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "International" codes or changing the word "equipment" to "appliance". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote an editorial change that does not change the basic premise of the model code. Typically these changes are road maps to other Oregon codes or miner clarifications.

C201.4			Approved 6/3/09	Approved 8/5/09	Oregon modified this section on where to find words not defined.
	C201.4		Approved 6/3/09	Approved 8/5/09	"Terms not defined" modified to be consistent with Chapter 2 and the ORSC.
C202			Approved 6/3/09	Approved 8/5/09	Oregon deletes the following definitions: Air, Exhaust; Alteration; Approved; Approved Agency; all references to Boilers; Clothes Dryer; Code; Code Official; Construction Documents; Dwelling Unit; Fireplace; Living Space; Occupancy; Registered Design Professional; Water Heater. These words are not specific to fuel-gas applications and can be found in Chapter 2 of the OMSC.
		C202	Approved 6/3/09	Approved 8/5/09	ICC adds the following definitions; <u>Bonding Jumper, Exterior Masonry Chimney, (Valve) Appliance Shutoff,</u>
		C202	Approved 6/3/09	Approved 8/5/09	ICC deletes the following definitions; <u>Gas Utilization Equipment,</u>
		C202	Approved 6/3/09	Approved 8/5/09	ICC modifies the following definitions; <u>Listed, Equipment, Outlet, Room large in Comparison with Size of Appliance,</u>

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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C202			Approved 6/3/09	Approved 8/5/09	Oregon modifies the following definitions: Point of Delivery;
C202			Approved 6/3/09	Approved 8/5/09	Oregon adds a definition of " <u>Vestibule</u> ".

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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APPENDIX C
CHAPTER 3 (C-3)

Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "International" codes or changing the word "equipment" to "appliance". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote an editorial change that does not change the basic premise of the model code. Typically these changes are road maps to other Oregon codes or miner clarifications.

C301.1			Approved 6/3/09	Approved 8/5/09	Oregon added a section on " Code Compliance ".
*C301.1.1			Approved 6/3/09	Approved 8/5/09	Oregon modified the reference in last sentence.
* 301.2			Approved 6/3/09	Approved 8/5/09	Oregon changes reference in last sentence.
*C301.3			Approved 6/3/09	Approved 8/5/09	Oregon deletes last sentence. See Section 105.2 of the OMSC.
[301.4 - 301.6]			Approved 6/3/09	Approved 8/5/09	Oregon deleted these sections.
[301.8 through 301.15]			Approved 6/3/09	Approved 8/5/09	Oregon deleted these sections.
* [302.1 through 302.7]			Approved 6/3/09	Approved 8/5/09	Oregon deletes these sections and refers the user to the Chapter 3 of the OMSC.
*C303.1			Approved 6/3/09	Approved 8/5/09	Changed the word "code" to " Appendix ".
*C303.4			Approved 6/3/09	Approved 8/5/09	Oregon adds reference to Figure C304.1
C303.6			Approved 6/3/09	Approved 8/5/09	Oregon deleted last half of sentence, requires outdoor equipment to be listed for outdoor use. Model code language is too ambiguous.
Figure C304.1			Approved 6/3/09	Approved 8/5/09	Oregon adds Figure C304.1 for barrier protection.
		C304.4	Approved 6/3/09	Approved 8/5/09	ICC adds clarification.
C304.4.1			Approved 6/3/09	Approved 8/5/09	Oregon added section " Special Conditions "

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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C305.3			Approved 6/3/09	Approved 8/5/09	Oregon deletes model code language & inserts Oregon Amendment.
		C305.3.1	Approved 6/3/09	Approved 8/5/09	ICC adds language dealing combustion air for appliance in residential garages.
C305.4			Approved 6/3/09	Approved 8/5/09	Oregon deletes reference to NFPA 30A .
		C305.4	Approved 6/3/09	Approved 8/5/09	ICC modified language to require 1 foot above door rather than 2 feet above tallest vehicle.
*C305.5			Approved 6/3/09	Approved 8/5/09	Oregon adds reference to <u>Figure C304.1</u>
		C305.7	Approved 6/3/09	Approved 8/5/09	ICC added 3 inch height requirement for all outside equipment slabs.
		C305.9	Approved 6/3/09	Approved 8/5/09	ICC sends user of code to NFPA 88A for appliance installation in parking structures.
		C305.10	Approved 6/3/09	Approved 8/5/09	ICC adds new section dealing with repair garages.
		C305.11	Approved 6/3/09	Approved 8/5/09	ICC sends user of code to NFPA 409 for appliance installation in aircraft hangars.
		C305.12	Approved 6/3/09	Approved 8/5/09	ICC adds section on avoiding strain for gas piping.
		C306.1	Approved 6/3/09	Approved 8/5/09	ICC provides clarification and adds a general requirement for a 30 X 30 working space in front of the controls of the appliance.
C306.5			Approved 6/3/09	Approved 8/5/09	Oregon adds exception for existing buildings.
		C306.5	Approved 6/3/09	Approved 8/5/09	ICC adds clarity about access involving climbing over parapet walls. They also expanded Item 6 to include requirements for landings on ladder over 30 feet in height.
C306.5.1			Approved 6/3/09	Approved 8/5/09	Oregon adds exception for existing buildings
		C306.5.1	Approved 6/3/09	Approved 8/5/09	ICC expanded the scope of this section by adding "...equipment, fans or other components that require service.....". Access is further restricted to 4/12 pitched roofs.
C306.6			Approved 6/3/09	Approved 8/5/09	Oregon deletes the reference to roof hatches in two places (these are in the OSSC) and adds exception for existing buildings.

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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*C307			Approved 6/3/09	Approved 8/5/09	Oregon added a " NOTE ".
		C307.3	Approved as Modified 6/3/09	Approved Committee's modification 8/5/09	ICC added another material to be used for drain piping and sends user of the code to the plumbing code for joints and connection provisions relative to the material type. Modification is to delete reference to plumbing code.
*C307.1 & C307.5			Approved 6/3/09	Approved 8/5/09	Editorial changes to section references.
		C310.1	Disapproved 6/17/09	Approved Committee's disapproval 8/5/09	ICC separates out CSST piping systems from the general provisions on bonding.
		C310.1.1	Disapproved 6/17/09	Approved Committee's disapproval 8/5/09	ICC provide new section relating to the bonding of CSST.
C308.1			Approved 6/3/09	Approved 8/5/09	Oregon added the words – " gas-fired " in two places for clarity.

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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APPENDIX C
CHAPTER 4 (C-4)

Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "**International**" codes or changing the word "equipment" to "appliance". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote an editorial change that does not change the basic premise of the model code. Typically these changes are road maps to other Oregon codes or minor clarifications.

*C401.1			Approved 6/3/09	Approved 8/5/09	Oregon changed chapter to section and deleted design and maintenance in the first sentence, and deleted operation and maintenance in the last sentence.
*C401.2			Approved 6/3/09	Approved 8/5/09	Oregon added this box to reference the Fire Marshall regulations concerning LP tanks.
	OMSC 10-04		Approved 6/3/09	Approved 8/5/09	Proposal submitted by NW Natural Gas for section 402.
		C402.1	Approved 6/3/09	Approved 8/5/09	ICC provides clarity
C402.3			Approved 6/3/09	Approved 8/5/09	Oregon deleted "...or other approved engineered methods".
		C402.6	Approved 6/3/09	Approved 8/5/09	ICC added two new Items. (5 & 6).
		C402.6.1	Approved 6/3/09	Approved 8/5/09	ICC changed the scope of this section and deleted the exception. The first sentence had limitations that are now in Item 6 above.
*C402.6.1			Approved 6/3/09	Approved 8/5/09	Oregon added this box to reference the Fire Marshall regulations concerning LP licensing.
* [403.3]			Approved 6/3/09	Approved 8/5/09	Oregon deletes this section because it's covered in Section 105.2 of the OMSC.
		C403.4.1	Approved 6/3/09	Approved 8/5/09	ICC deleted a standard.
		C403.5	Approved 6/3/09	Approved 8/5/09	ICC deleted use of plastic piping is for outside, underground only.

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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		C403.9.2	Approved 6/3/09	Approved 8/5/09	ICC added a standard for press-connect fittings.
		C404.1	Approved 6/3/09	Approved 8/5/09	ICC prided clarification to this section.
		C404.4	Approved 6/3/09	Approved 8/5/09	ICC added language to prohibit penetrations of foundation walls.
C404.5			Approved 6/3/09	Approved 8/5/09	Oregon changed the 4 inch requirement found in the last sentence to 2 inches to be consistent with other sections found in the OMSC.
		C404.6 through C406.6.2	Approved 6/3/09	Approved 8/5/09	ICC reorganized this section and added two new sub-sections for clarification concerning conduits installed in solid floors.
C404.8			Approved 6/3/09	Approved 8/5/09	Oregon deletes & replaces model code language concerning the protection of underground gas piping.
		C404.8	Approved 6/3/09	Approved 8/5/09	ICC added isolation requirements specific to LPC piping.
C404.9			Approved 6/3/09	Approved 8/5/09	Oregon changed the depth from 12 inches to 18 inches to be consistent with other depth requirements.
C404.10.1			Approved 6/3/09	Approved 8/5/09	Oregon added a section on underground pipe separation.
		C404.11 through C404.11.2	Approved 6/3/09	Approved 8/5/09	ICC added clarifying language to C404.11.1 and added a new section (404.11.2) to deal with conduit with both ends terminating indoors.
C404.14.1			Approved 6/3/09	Approved 8/5/09	Allows for plastic pipe to be installed under outdoor patio, walkway or driveway.
		C404.14.1	Approved 6/3/09	Approved 8/5/09	ICC added a new exception 3. Similar to Oregon amendment.
		C404.14.2	Approved 6/3/09	Approved 8/5/09	ICC added a new standard.
C406.1.1.1 & C406.1.1.2			Approved 6/3/09	Approved 8/5/09	Oregon adds two subsections indicating when inspections shall be made.

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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*C406.3			Approved 6/3/09	Approved 8/5/09	Oregon changed code to <u>Appendix</u> in the exception.
C406.4.1			Approved 6/3/09	Approved 8/5/09	Oregon deletes model code Sections 406.4.1 thru 406.7 & replaces with simplified testing requirements.
		C407.2	Approved as Modified 6/3/09	Approved Committee's modification 8/5/09	ICC added the word "metal" to all of the different support methods. Modification is to delete the word "metal" in four places.
		C409.5 through C409.5.2	Approved 6/3/09	Approved 8/5/09	ICC changes- mostly wordsmithing. The distance from the appliance to the shut-off valve has changed from 3 feet to <u>6 feet</u> .
		C409.5.3	Approved 6/3/09	Approved 8/5/09	ICC added a new section dealing with manifolding.
		C409.6	Approved 6/3/09	Approved 8/5/09	ICC added a new section dealing with valves in laboratories.
	<u>OMSC 10-01</u>		Approved 6/17/09	Approved 8/5/09	Proposal submitted by State Fire Marshal on Section C410.3
C410.3.1			Approved 6/17/09	Approved 8/5/09	Adopt first sentence, deletes last sentence.
		C410.3.1	Approved 6/17/09	Approved 8/5/09	ICC added new language dealing with venting of regulators.
		C411.1	Approved 6/17/09	Approved 8/5/09	ICC deleted item No. 7 and modified C411.1.1 to encompass the requirements.
		C411.1.3.1	Approved 6/17/09	Approved 8/5/09	ICC changes- mostly wordsmithing. The distance from the appliance to the shut-off valve has changed from 3 feet to <u>6 feet</u> .
		C411.1.3.3	Approved 6/17/09	Approved 8/5/09	ICC added three new exceptions to this section dealing with connector penetrations.
		C411.1.5	Approved 6/17/09	Approved 8/5/09	ICC added a new section on connections of gas engine powered air-conditioning.
		C411.1.6	Approved 6/17/09	Approved 8/5/09	ICC added a new section concerning unions.
		C411.2	Approved 6/17/09	Approved 8/5/09	ICC added new section on connectors to low-intensity infrared tube heaters.
*C411.2			Approved 6/17/09	Approved 8/5/09	Oregon deletes this section due to conflicts with Oregon Manufactured Dwelling and Park Specialty Code.

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C412			Approved 6/17/09	Approved 8/5/09	Oregon deletes model code language. Most, if not all, of these requirements are regulated by the fire code.
C413			Approved as Modified 6/17/09	Approved Committee's modification 8/5/09	Oregon deletes model code language because historically these requirements were regulated by the fire code for commercial use. Modification was to added back in the residential provisions.
C414.1			Approved 6/17/09	Approved 8/5/09	Added last sentence from the model code with reference to NFPA 51.
*C416 & Table C416.1			Approved 6/17/09	Approved 8/5/09	Oregon adds equipment & installation requirements for manufactured structures & RV parks.
[416.3] (re-number to C417)			Approved 6/17/09	Approved 8/5/09	Oregon deletes the section on maintenance of pressure regulating, limiting and relieving devices.
*C417.4.4			Approved 6/17/09	Approved 8/5/09	Oregon deletes the second sentence in item number 1. This beyond the scope of the OMSC.

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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APPENDIX C
CHAPTER 5 (C-5)

Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "**International**" codes or changing the word "equipment" to "appliance". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote an editorial change that does not change the basic premise of the model code. Typically these changes are road maps to other Oregon codes or miner clarifications.

*C501.1			Approved 6/17/09	Approved 8/5/09	Oregon deletes chapter and replaces it with Appendix , and deletes maintenance in three places.
C501.3			Approved 6/17/09	Approved 8/5/09	Oregon deletes reference to Section 503.5.3 .
*C501.8			Approved 6/17/09	Approved 8/5/09	Oregon changes reference to Chapter 5 , Section 513 .
C501.11			Approved 6/17/09	Approved 8/5/09	Oregon deletes the words located, constructed and .
		C501.15.4	Approved 6/17/09	Approved 8/5/09	ICC added clarity and wordsmithing.
		C501.15.4.1	Approved 6/17/09	Approved 8/5/09	ICC added a new road map section.
*C502.7			Approved 6/17/09	Approved 8/5/09	For consistency Oregon has deleted the last sentence and provided a road map to the two other sections which deal with this issue.
		C503.3.4	Approved 6/17/09	Approved 8/5/09	ICC added clarity to this section.
*C503.3.4			Approved 6/17/09	Approved 8/5/09	Oregon Amendment adds Section C503.3.4 for clarification.
		C503.3.5	Approved 6/17/09	Approved 8/5/09	ICC added some clarifying language in this new section.
		C503.4.1.1	Approved 6/17/09	Approved 8/5/09	ICC added new section dealing with plastic vent joints.
C503.5.3			Approved 6/17/09	Approved 8/5/09	Oregon deletes reference to NFPA and refers to OSSC instead.
		[C503.5.5.1]	Approved 6/17/09	Approved 8/5/09	ICC deleted this section.
		C503.5.6.1	Approved 6/17/09	Approved 8/5/09	ICC added some road maps to the exception –wordsmithing.
[503.5.6.2]			Approved 6/17/09	Approved 8/5/09	Oregon deletes section "cleanouts".
C503.5.6.3			Approved 6/17/09	Approved 8/5/09	Oregon deletes reference to NFPA and refers to OSSC instead.

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		C503.7.7	Approved 6/17/09	Approved 8/5/09	ICC added a new section on single-wall vent penetrations.
C503.8			Approved 6/17/09	Approved 8/5/09	ICC added road map to Item 4.
C503.10.2.2			Approved 6/17/09	Approved 8/5/09	Oregon added " <u>garages</u> " as unconditioned space.
		C503.10.4.1	Approved 6/17/09	Approved 8/5/09	ICC added a new section concerning two openings in a chimney.
		C503.10.8	Approved 6/17/09	Approved 8/5/09	ICC added clarity.
		C503.10.9	Approved 6/17/09	Approved 8/5/09	ICC deleted the last sentence.
		[C503.10.15]	Approved 6/17/09	Approved 8/5/09	ICC deleted this section and moved it to C503.7.7.
		C503.16	Approved 6/17/09	Approved 8/5/09	ICC added a new section on outside wall penetrations.
		C504.2.3	Approved 6/17/09	Approved 8/5/09	ICC added road map.
		C504.2.9	Approved 6/17/09	Approved 8/5/09	ICC deletes the paragraph and exception after Item No. 6.
		C504.3.5	Approved 6/17/09	Approved 8/5/09	ICC added the last sentence to deal with multiple vent offsets.
		C504.3.20	Approved 6/17/09	Approved 8/5/09	ICC deletes the paragraph and exception after Item No. 5.
*C505.1			Approved 6/17/09	Approved 8/5/09	Oregon added reference to <u>Section 507</u> for exhaust hood venting.
* [505.1.1]			Approved 6/17/09	Approved 8/5/09	Oregon deletes this section, exhaust hoods are covered in Chapter 5 of the OMSC.
		[505.1.1]	Approved 6/17/09	Approved 8/5/09	ICC added a new sentence in the middle of this code section which deals with interlock of equipment with standing pilot ignition systems. Oregon deletes this section and sends user to Chapter 5, Section 507 in Section 505.1 above.

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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APPENDIX C
CHAPTER 6 (C-6)

Many of the OR Amendments or Model Code changes throughout the Chapters are minor wordsmithing such as the deletion of the reference to "International" codes or changing the word "equipment" to "appliance". These minor editorial only modifications are not individually identified in this matrix. Code changes with an * denote an editorial change that does not change the basic premise of the model code. Typically these changes are road maps to other Oregon codes or miner clarifications. identified in this matrix.

*C601.1			Approved 6/17/09	Approved 8/5/09	Oregon deletes the words design and maintenance .
C603.1			Approved 6/17/09	Approved 8/5/09	Oregon deletes the standard for gas log lighters.
*C613			Approved 6/17/09	Approved 8/5/09	Oregon adds reference to Chapter 5.
		614.6 through 614.6.7	Approved 6/17/09	Approved 8/5/09	ICC added new and reformatted language to these sections dealing with dryer exhaust.
C614			Approved 6/17/09	Approved 8/5/09	Oregon deletes entire section & refers to Chapter 5.
		Table 614.6.5.1	Approved 6/17/09	Approved 8/5/09	ICC added a new table dealing with duct (exhaust) length.
		614.8	Approved 6/17/09	Approved 8/5/09	ICC added new common exhaust duct requirements.
*C615.1			Approved 6/17/09	Approved 8/5/09	Oregon deletes entire section & refers to Chapter 9.
* [615.2, 615.3, 615.6 & 615.7]			Approved 6/17/09	Approved 8/5/09	Oregon deletes 615.2, 615.3, 615.6 & 615.7 & refers to Chpt 9 in C615.1.
		C616.1	Approved 6/17/09	Approved 8/5/09	ICC added new standard to this section.
		C616.2	Approved 6/17/09	Approved 8/5/09	ICC added new section gas connections.

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C618.5			Approved as Modified 6/17/09	Approved Committee's modification 8/5/09	Oregon adds an exception for <u>outdoor appliances</u> . Modification is to delete last sentence in item #7.
		C618.5	Approved 6/17/09	Approved 8/5/09	ICC added a new exception to Item No. 6 and added Item No. 7
		C620.5	Approved 6/17/09	Approved 8/5/09	ICC added new section dealing with multiple garages and hangars.
C623.4.1			Disapproved 6/17/09	Approved Committee's disapproval 8/5/09	Oregon added a section on <u>microwave ovens</u>
[C623.6]			Approved 6/7/09	Approved 8/5/09	Oregon deletes this section.
		C623.6[7]	Approved 6/17/09	Approved 8/5/09	ICC added a new section dealing with vertical clearances above residential cooking appliances. This should have been put in Chapter 5 where all the other requirements for exhaust are found. This item is not specific to gas stove and would apply to electric stoves also. Section 505 would be the appropriate section.
*C624.1			Approved 6/17/09	Approved 8/5/09	Oregon adds reference to Chapter 10.
*C624.2			Approved 6/17/09	Approved 8/5/09	Oregon adds reference to this code (OMSC).
C629.2			Approved 6/17/09	Approved 8/5/09	Oregon adds requirements for <u>kilns</u>
		C630.3	Approved 6/17/09	Approved 8/5/09	ICC added a new section dealing with combustion and ventilation air for infrared radiant heaters.
		C630.4	Approved 6/17/09	Approved 8/5/09	ICC added new section dealing with infrared radiant heaters in hangars.
*C631 & [632]			Approved 6/17/09	Approved 8/5/09	Oregon deletes section on boilers & references Chapter 10.
		C632.1	Approved 6/17/09	Approved 8/5/09	ICC added a new standard, and changed 1,000 kW to <u>10 MW</u> and added a new standard.

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APPENDIX C CHAPTER 7 (C-7) GASEOUS HYDROGEN SYSTEMS					

Existing Oregon Amendments	New Proposals	2009 IMC Model Code Change	Committee Recommendation	Board Recommendation	Comments
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APPENDIX C
Chapter 8 (C-8)
REFERENCED STANDARDS

Standards			Approved 6/17/09	Approved 8/5/09	<p>Oregon amendments. <i>Oregon deleted;</i> CSA CSA 8 – 93 (603.1) ANSI Z21.13 – 04 (631.1) NFPA 30A – 03 (305.4) 85 – 07 (631.1) ICC Delete reference to ICC codes entirely <i>Oregon added;</i> NFPA 54 – 09 (C406.4.1)</p>
		Standard	Approved 6/17/09	Approved 8/5/09	<p><i>ICC added several new standards;</i> ANSI ANSI LC-4 – 07 ASTM F 1973 – 05 NFPA 70 – 08 88A – 02 409 – 01 UL 2200 - 04</p>

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Statewide Code Interpretations					
			Rescinded 6/17/09	Approved Committee's recommendation to rescind 8/5/09	2007 OMSC Section 510 Motor and fan requirements for Hazardous Exhaust Systems.
			Approved 6/17/09	Approved 8/5/09	C202 "Point of Delivery" for Liquefied petroleum Gas
			Rescinded 6/17/09	Approved Committee's recommendation to rescind 8/5/09	C410 Venting of Fuel-Gas Regulators
			Rescinded 6/17/09	Approved Committee's recommendation to rescind 8/5/09	1209.2 Testing of Hydronic Piping Systems
			Approved 6/17/09	Approved 8/5/09	404.1 Installation of gas piping in a plenum.
			Approved 6/17/09	Approved 8/5/09	301.6(4) Mechanical permit Requirements for Electric Cadet Heaters.
			Rescinded 6/17/09	Approved Committee's recommendation to rescind 8/5/09	507.2.3 Hood in churches, fire stations and/or day-care occupancies.
			Rescinded 6/17/09	Approved Committee's recommendation to rescind 8/5/09	93-74 Unvented Gas-Burning Space Heaters
			Rescinded 6/17/09	Approved Committee's recommendation to rescind 8/5/09	92-22 Duct insulation requirements for retrofit of existing forced air heating equipment.