

## Notice

The 2006 edition of the *Uniform Plumbing Code* is developed through a consensus standards development process approved by the American National Standards Institute. This process brings together volunteers representing varied viewpoints and interests to achieve consensus on plumbing issues. While the International Association of Plumbing and Mechanical Officials (IAPMO) administers the process and establishes rules to promote fairness in the development of consensus, it does not independently test, evaluate, or verify the accuracy of any information or the soundness of any judgments contained in its codes and standards.

IAPMO disclaims liability for any personal injury, property, or other damages of any nature whatsoever, whether special, indirect, consequential, or compensatory, directly or indirectly resulting from the publication, use of, or reliance on this document. IAPMO also makes no guaranty or warranty as to the accuracy or completeness of any information published herein.

In issuing and making this document available, IAPMO is not undertaking to render professional or other services for or on behalf of any person or entity. Nor is IAPMO undertaking to perform any duty owed by any person or entity to someone else. Anyone using this document should rely on his or her own independent judgment or, as appropriate, seek the advice of a competent professional in determining the exercise of reasonable care in any given circumstances.



**STATE OF OREGON**  
**2008 EDITION**

**PLUMBING SPECIALTY CODE**

Effective April 1, 2008  
Authorized by ORS 447.020 (2)



Based on the 2006 Edition of the  
Uniform Plumbing Code



**Amended by:**  
**Oregon Building Codes Division**  
**P.O. Box 14470**  
**1535 Edgewater NW**  
**Salem, Oregon 97309-0404**

Symbols in the margins indicate the status of code changes:

- || This symbol indicates an amendment by the State of Oregon to the Uniform Plumbing Code.
- > This symbol indicates a deletion by the State of Oregon from the Uniform Plumbing Code.
- | This symbol indicates an amendment by the International Association of Plumbing and Mechanical Officials to the Uniform Plumbing Code.
- ➔ This symbol indicates a deletion by the International Association of Plumbing and Mechanical Officials from the Uniform Plumbing Code.

- TIA** TIA indicates that the revision is the result of a Tentative Interim Amendment
- TIA** For further information on tentative interim amendments see Section 5 of the IAPMO Regulations Governing Committee Projects available at [http://www.iapmo.org/iapmo/code\\_rules-regs.html](http://www.iapmo.org/iapmo/code_rules-regs.html)

NFPA A reference in brackets [ ] following a section or paragraph indicates material that has been extracted from another document. This reprinted material is not the complete and official position of the National Fire Protection Association on the reference subject which is represented by the standard in its entirety. Text which has been extracted pursuant to IAPMO's Extract Guidelines is denoted with the use of "NFPA" in the margin. This text has not been fully processed by IAPMO in accordance with ANSI's public announcement consensus requirements for an American National Standard (ANS) nor approved by ANSI's Board of Standards Review, but will be fully processed in accordance with those requirements as part of the next revision cycle for this document.

**918-750-0110**

**Oregon Plumbing Specialty Code**

- (1) Effective April 1, 2008, the **Oregon Plumbing Specialty Code** is the **2006 Edition** of the **Uniform Plumbing Code, Fifth Printing, Chapters 2-11, 13, 14 and 15, and 16, Appendices A, B, D, E, and I** published by the International Association of Plumbing and Mechanical Officials, with errata through February 8, 2008, except for the following additions, amendments and deletions:
  - (a) **Appendices F, K, L and M** are not adopted as part of the **Oregon Plumbing Specialty Code**;
  - (b) Useful tables, the following **Oregon Installation Standards** and **IAPMO Installation Standards** in the **Uniform Plumbing Code**, "**IS-1A-2007**", "**IS-1-2003**", "**IS-2-2003**", "**IS-3-2003**", "**IS-4-2003**", "**IS-5-2003**", "**IS-6-2003**", "**IS-7-2003**", "**IS-8-2003**", "**IS-9-2003**", "**IS-11-2003**", "**IS-15-2003**", "**IS-18-2003**", "**IS-20-2005**", "**IS-21-2003**", "**IS-26-2003**", "**IS-27-2003**", "**IS-28-2005**", and "**IS-29A-2007**" are adopted;
  - (c) Oregon amendments by the Division, through February 8, 2008, are adopted;
  - (d) Medical Gas and Vacuum Systems **Standard NFPA 99C-2002** Edition as published by the National Fire Protection Association.
- (2) If any of the publications adopted by reference in this rule adopt other references:
  - (a) The adoption date of the references shall be the date stated in the publication; or
  - (b) If no adoption date is shown, or if reference is made to further dates the references are adopted as of April 1, 2008.

**Copyright © 2007**  
**by**  
**INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS**  
**All Rights Reserved**

*No part of this work may be reproduced or recorded in any form or by any means,  
except as may be expressly permitted in writing by the publisher.*

Notice: Jurisdictions adopting by law or by reference any part of the Uniform Plumbing Code are requested to please notify the IAPMO Publications Department at 5001 E. Philadelphia Street. Ontario, California 91761-2816. Thank you for your cooperation.

## 2006 UPC Foreword

The advantages of a uniform plumbing code adopted by various local jurisdictions have long been recognized. Disorder in the industry as a result of widely divergent plumbing practices and the use of many different, often conflicting, plumbing codes by local jurisdictions influenced the Western Plumbing Officials Association (now the International Association of Plumbing and Mechanical Officials [IAPMO]) to form a committee of plumbing inspectors, master and journeyman plumbers, sanitary and mechanical engineers, assisted by public utility companies, and the plumbing industry to create a basic plumbing document for general use. The product of this effort, the first edition of the Uniform Plumbing Code™ (UPC™) was officially adopted by IAPMO in 1945. The widespread use of this code over the past five decades by jurisdictions throughout the United States and internationally is testimony to its merit.

With the publication of the 2006 Edition of the Uniform Plumbing Code, another significant milestone has been reached. For the first time in the history of the United States, a plumbing code developed through a true consensus process has been achieved. Contributions to the content of this code were made by every segment of the built industry including such diverse interests as consumers, enforcing authorities, installers/maintainers, insurance, labor, manufacturers, research/standards/testing laboratories, special experts, and users.

The consensus process, accredited by the American National Standards Institute, serves as the framework for the Comprehensive Consensus™ Code (C3) set – our nation's first true set of ANSI accredited harmonized construction codes for the built industry. IAPMO's C3 partners include the National Fire Protection Association (NFPA), the Western Fire Chiefs Association (WFCA) and the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE).

The UPC is designed to provide consumers with safe and sanitary plumbing systems while, at the same time, allowing latitude for innovation and new technologies. The public at large is encouraged and invited to participate in IAPMO's open consensus code development process. This code is updated every three years. A code development timeline and other relevant information is available at IAPMO's website at [www.iapmo.org](http://www.iapmo.org).

The Uniform Plumbing Code is dedicated to all those who, in working to achieve "the ultimate plumbing code," have unselfishly devoted their time, effort and personal funds to create and maintain this, the finest plumbing code in existence today.

The 2006 Uniform Plumbing Code is supported by the C3 partners as well as the American Society of Sanitary Engineering (ASSE), Mechanical Contractors Association of America (MCAA), Plumbing-Heating-Cooling Contractors National Association (PHCC-NA), the United Association (UA), and the World Plumbing Council (WPC). The presence of these logos, while reflecting support, does not imply any ownership of the copyright to the UPC which is held exclusively by IAPMO. Further, the logos of these associations indicates the support of IAPMO's open, consensus process being used to develop IAPMO's codes and standards.

The addresses of the organizations are as follows:

ASHRAE – 1791 Tullie Circle, N.E. • Atlanta, GA 30329 • (800) 527-4723

ASSE – 901 Canterbury Road, Suite A • Westlake, OH 44145-7201 • (440) 835-3040

MCAA – 1385 Piccard Drive • Rockville, MD 20850 • (301) 869-5800

NFPA – 1 Batterymarch Park • Quincy, MA 02269 • (617) 770-3000

PHCC-NA – PO Box 6808 • Falls Church, VA 22046 • (800) 533-7694

UA – 901 Massachusetts Avenue NW • Washington, DC 20001 • (202) 628-5823

WFCA – 727 Center Street NE, Suite 300 • Salem, OR 97301 • (503) 588-7665

WPC – WPC Secretary • c/o The Institute of Plumbing • 64 Station Lane • Hornchurch Essex  
RM12 6NB • United Kingdom • +44 17-08-47-27-91

## COMMITTEE ON UNIFORM PLUMBING CODE

*These lists represent the membership at the time the Committee was balloted on the final text of this edition. Since that time, changes in the membership may have occurred.*

**Terry Swisher, Chairman**  
State of Oregon, [E]

**James Weflen, Secretary**  
Copper Development Association, [M]

**Robert Aagaard**, American Society of Sanitary  
Engineering [R/S/T]

**Rand Ackroyd**, Rand Engineering [M]  
Rep. Plumbing and Drainage Institute

**Julius Ballanco**, JB Engineering/Code Consultant PC [SE]  
Rep. American Society of Plumbing Engineers

**George Bliss**, United Association [L]

**Sylvanus Bloice**, Roots Plumbing Services [I/M]

**Jeremy Brown**, NSF International [R/S/T]

**Lawrence Brown**, National Association of Home Builders [U]

**Paul Cabot**, American Gas Association [U]

**Richard Church**, Plastic Pipe and Fittings Association [M]

**Donald Dickerson**, Donald Dickerson Associates [SE]

**Rickey Fabra**, Plumbers & Steamfitters Local [L]

**Lawrence Gibson**, Intertek Testing Services [R/S/T]

**John M. Jacobs**, Mechanical Contractors Association of America [I/M]

**Robert Kordulak**, Plumbing-Heating-Cooling Contractors  
National Association [I/M]

**Theodore Lemoff**, NFPA [R/S/T]

**William LeVan**, Cast Iron Soil Pipe Institute [M]

**Thomas Pape**, California Urban Water Conservation Council [C]

**Leonard Ramociotti**, City of Reno [E]

**Phillips Ribbs**, PHR Consultant [SE]

**Arnold Rodio**, Pace Setter Plumbing [I/M]

**Anthony Scarano**, Plastics Piping Consultant [SE]

**Joseph Sternola**, National Propane Gas Association (NPGA) [U]

**Larry Soskin**, Ace Duraflo [I/M]

**Amir Tabakh**, City of Los Angeles [E]

**John Taecker**, Underwriters Laboratories [R/S/T]

**Don Traylor**, State Plumbing Board of Louisiana [E]

**David Viola**, Plumbing Manufacturers Institute [M]

### Alternates

**Ian Chang**, Intertek Testing Services [R/S/T]

**Shannon Corcoran**, American Society of Sanitary  
Engineering [R/S/T]

**James Dingman**, Underwriters Laboratories [R/S/T]

**Richard Emerson**, Plumbing Manufacturers Institute [M]

**Bob Friedlander**, Construction Code Consultant [M]  
Rep. Plastic Pipe and Fittings Association

**Myron Havis**, Copper Development Association [M]

**Nasrin Kashefi**, NSF International [R/S/T]

**Kirk Nelson**, Plumbing-Heating-Cooling Contractors  
National Association [I/M]

**Michael Tharpe**, City of Los Angeles [E]

**April Trafton**, Donald Dickerson Associates [SE]

**Fred Volkers**, United Association [L]

**James Walls**, Cast Iron Soil Pipe Institute [M]

**Mike Wynne**, Plumbers & Steamfitters Local [L]

### New Committee Members as of January 2006

**Tim Collings**, Salt Lake City, Utah [E] is the new chairman of the  
technical committee appointed as of March 2006

**Nasser Nikravi**, State of California OSHPD [E]

**Ray Moore**, American Society of Plumbing Enginner [SE]

### Nonvoting

**Chris Salazar**, Ex-Officio, IAPMO [E]\*

**Carl Marbery**, IAPMO Staff Liaison

**Morrie Klimboff**, Member Emeritus, M Klimboff Consulting [C]\*

**Lynne Simnick**, IAPMO Saff Liaison

#### COMMITTEE MEMBERSHIP CLASSIFICATION ABBREVIATIONS

These classifications apply to Technical Committee members and represent their principal interest in the activity of a committee.

<b>M</b>	<i>Manufacturer:</i> A representative of a maker or marketer of a product, assembly, or system, or portion thereof, that is affected by the standard.
<b>U</b>	<i>User:</i> A representative of an entity that is subject to the provisions of the standard or that voluntarily uses the standard.
<b>I/M</b>	<i>Installer/Maintainer:</i> A representative of an entity that is in the business of installing or maintaining a product, assembly, or system affected by the standard.
<b>L</b>	<i>Labor:</i> A labor representative or employee concerned with safety in the workplace.
<b>R/S/T</b>	<i>Research/Standards/Testing Laboratory:</i> A representative of an independent research organization; an organization that develops codes, standards or other similar documents; or an independent testing laboratory.
<b>E</b>	<i>Enforcing Authority:</i> A representative or an agency or an organization that promulgates and/or enforces standards.
<b>I</b>	<i>Insurance:</i> A representative of an insurance company, broker, agent, bureau, or inspection agency.
<b>C</b>	<i>Consumer:</i> A person who is, or represents, the ultimate purchaser of a product, system, or service affected by the standard, but who is not included in the <i>User</i> classification.
<b>SE</b>	<i>Special Expert:</i> A person not representing any of the previous classifications, but who has special expertise in the scope of the standard or portion thereof.

# FORM FOR PROPOSALS ON IAPMO UPC/UMC COMMITTEE DOCUMENT

**NOTE: All proposals MUST be received by 5:00 PM PST/PDST on the published proposal-closing date.**

For further information on the standards-making process, please contact Codes and Standards Administration at 909-472-4203. For technical assistance, please call IAPMO at 909-472-4110.

## FOR OFFICE USE ONLY

LOG # : \_\_\_\_\_

DATE REC'D: \_\_\_\_\_

### PLEASE USE SEPARATE FORM FOR EACH PROPOSAL

Please indicate in which format you wish to receive your ROP/ROC:

Paper

Download\*

CD-ROM

\*Note: In choosing the download option, you intend to view the ROP/ROC from our website, NO copy will be sent to you.

Date: \_\_\_\_\_ Name: \_\_\_\_\_ Telephone #: \_\_\_\_\_

Company: \_\_\_\_\_

Street Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Please Indicate Organization Represented (if any): \_\_\_\_\_

1. a) **IAPMO Document Title** \_\_\_\_\_ **Document Year** \_\_\_\_\_

b) **Section/Paragraph** \_\_\_\_\_

2. **Proposal Recommends** (check one):

3. **Proposal** (Include proposed new or revised wording, or identification of wording to be deleted): [Note: Proposed text should be in legislative format: i.e., use underscore to denote wording to be inserted (inserted wording) and strike-through to denote wording to be deleted (~~deleted wording~~). PLEASE TYPE OR PRINT LEGIBLY IN BLACK INK.]

4. **Statement of Problem and Substantiation for Proposal:** [Note: State the problem that will be resolved by your recommendations; give the specific reason for your proposal, including copies of tests, research papers, etc. If more than 200 words, it may be abstracted for publication.]

5. **This proposal is original material.** [Note: Original material is considered to be the submitter's own idea based on or as a result of his/her own experience, thought, or research and, to the best of his/her knowledge, is not copied from another source.]

**This proposal is not original material, its source (if known) is as follows:** \_\_\_\_\_

I hereby grant IAPMO all and full rights in copyright, in this proposal, and I understand that I acquire no rights in any publication of IAPMO in which this proposal appears in this or another similar or analogous form.

Signature (**Required**): \_\_\_\_\_

IAPMO CODES DEPARTMENT FAX • (909) 472-4198 or (909) 472-4246

Mail to: Secretary, Standards Council • IAPMO • 5001 E Philadelphia Street • Ontario • CA • 91761-2816

## **INSTRUCTIONS FOR SUBMITTING PROPOSALS**

**– PLEASE READ CAREFULLY –**

1. Type or print in BLACK ink.
2. Indicate the title of the document and the document year. Also indicate the specific section or paragraph that the proposed amendment applies to.
3. Check the appropriate box to indicate whether this proposal recommends adding new text, revising existing text, or deleting text.
4. In the space identified as “Proposal”, indicate the exact wording you propose as new or revised text, or the text you propose be deleted.
5. In the space title “Statement of Problem and Substantiation for Proposal”, state the problem which will be resolved by your recommendation and give the specific reason for your proposal. Include copies of test results, research papers, fire experience, or other materials that substantiate your recommendation. [See note below, item (f).]
6. Check the appropriate box to indicate whether or not this proposal is original material, and if it is not, indicate the source of the material.
7. Sign the proposal.

If supplementary material (photographs, diagrams, reports, etc.) is included, you may be required to submit sufficient copies for all members and alternates of the technical committee. The technical committee is authorized to abstract the “Statement of Problem and Substantiation for Proposal” if it exceeds 200 words for publication in the Report on Proposals.

**NOTE:** The IAPMO Regulations Governing Committee Projects in Paragraph 4-3.3 state: Each proposal shall be submitted to the Council Secretary and shall include: (a) identification of the submitter and his or her affiliation (i.e., technical committee, organization, company), where appropriate; (b) identification of the document, edition of the document, and paragraph of the document to which the proposal is directed; (c) the proposed text of the proposal, including the wording to be added, revised (and how revised), or deleted; (d) a statement of the problem and substantiation for proposal; (e) the signature of the submitter; and (f) two copies of any document(s) (other than an IAPMO document) being proposed as a reference standard or publication (see 3-3.7).



OREGON PLUMBING SPECIALTY CODE

611.0	Drinking Water Treatment Units . . .	.82	<b>Chapter 8</b>	<b>Indirect Wastes</b> . . . . .	.99
Table 6-5	Water Supply Fixture Units (WSFU) and Minimum Fixture Branch Pipe Sizes . . . . .	.83	801.0	Indirect Wastes . . . . .	.99
Table 6-6	Fixture Unit Table for Determining Water Pipe and Meter Sizes . . . . .	.84	802.0	Approvals . . . . .	.99
<b>Chapter 7</b>	<b>Sanitary Drainage</b> . . . . .	.87	803.0	Indirect Waste Piping . . . . .	.100
<b>Part I</b>	<b>Drainage Systems</b> . . . . .	.87	804.0	Indirect Waste Receptors . . . . .	.100
701.0	Materials . . . . .	.87	805.0	Pressure Drainage Connections . . .	.100
702.0	Fixture Unit Equivalents . . . . .	.89	806.0	Sterile Equipment . . . . .	.100
703.0	Size of Drainage Piping . . . . .	.89	807.0	Appliances . . . . .	.100
Table 7-3	Drainage Fixture Unit Values (DFU) . . . . .	.88	808.0	Cooling Water . . . . .	.100
Table 7-4	Discharge Capacity In Gallons per Minute (Liters per Second) For Intermittent Flow Only . . . . .	.89	809.0	Drinking Fountains . . . . .	.101
704.0	Fixture Connections (Drainage) . . .	.89	810.0	Steam and Hot Water Drainage Condensers and Sumps . . . . .	.101
705.0	Joints and Connections . . . . .	.90	811.0	Chemical Wastes . . . . .	.101
706.0	Changes in Direction of Drainage Flow . . . . .	.91	812.0	Clear Water Wastes . . . . .	.102
707.0	Cleanouts . . . . .	.91	813.0	Swimming Pools . . . . .	.102
708.0	Grade of Horizontal Drainage Piping . . . . .	.92	814.0	Condensate Wastes and Control . .	.102
709.0	Gravity Drainage Required . . . . .	.92	<b>Chapter 9</b>	<b>Vents</b> . . . . .	.103
710.0	Drainage of Fixtures Located Below the Next Upstream Manhole or Below the Main Sewer Level . . . . .	.93	901.0	Vents Required . . . . .	.103
711.0	Suds Relief . . . . .	.94	902.0	Vents Not Required . . . . .	.103
712.0	Testing . . . . .	.94	903.0	Materials . . . . .	.103
<b>Part II</b>	<b>Building Sewers</b> . . . . .	.95	904.0	Size of Vents . . . . .	.103
713.0	Sewer Required . . . . .	.95	905.0	Vent Pipe Grades and Connections .	.104
714.0	Damage to Public Sewer or Private Sewage Disposal System . . . . .	.95	906.0	Vent Termination . . . . .	.104
715.0	Building Sewer Materials . . . . .	.95	907.0	Vent Stacks and Relief Vents . . . .	.104
716.0	Markings . . . . .	.96	908.0	Vertical Wet Venting . . . . .	.104
717.0	Size of Building Sewers . . . . .	.96	909.0	Special Venting for Island Fixtures .	.105
718.0	Grade, Support, and Protection of Building Sewers . . . . .	.96	910.0	Combination Waste and Vent Systems . . . . .	.105
719.0	Cleanouts . . . . .	.96	<b>Chapter 10</b>	<b>Traps and Interceptors</b> . . . . .	.107
720.0	Sewer and Water Pipes . . . . .	.97	1001.0	Traps Required . . . . .	.107
721.0	Location . . . . .	.97	1002.0	Traps Protected by Vent Pipes . . .	.107
722.0	Abandoned Sewers and Sewage Disposal Facilities . . . . .	.98	1003.0	Traps - Described . . . . .	.107
723.0	Building Sewer Test . . . . .	.98	1004.0	Traps - Prohibited . . . . .	.108
			1005.0	Trap Seals . . . . .	.108
			1006.0	Floor Drain Traps . . . . .	.108
			1007.0	Trap Seal Protection . . . . .	.108
			1008.0	Building Traps . . . . .	.109
			1009.0	Industrial Interceptors (Clarifiers) and Separators . . . . .	.109
			1010.0	Slaughterhouses, Packing Establishments, etc. . . . .	.109
			1011.0	Minimum Requirements for Auto Wash Racks . . . . .	.109
			1012.0	Commercial and Industrial Laundries . . . . .	.109
			1013.0	Bottling Establishments . . . . .	.109
			1014.0	Grease Interceptors . . . . .	.109

TABLE OF CONTENTS

1015.0	FOG (Fats, Oils, and Greases) Disposal System . . . . .	111	1319.0	Joints . . . . .	132
1016.0	Sand Interceptors . . . . .	112	1320.0	Valves - Requirements, Locations, and Labeling . . . . .	135
<b>Chapter 11</b>	<b>Storm Drainage . . . . .</b>	<b>113</b>	1321.0	Pressure-Regulating Equipment . .	136
1101.0	General . . . . .	113	1322.0	Station Outlets/Inlets . . . . .	136
1102.0	Materials . . . . .	117	1323.0	Labeling and Identification . . . . .	136
1103.0	Traps on Storm Drains and Leaders . . . . .	117	1324.0	Alarms . . . . .	137
1104.0	Leaders, Conductors, and Connections . . . . .	117	1325.0	Medical Air System . . . . .	137
1105.0	Roof Drains . . . . .	117	1326.0	Medical Vacuum Pump System . .	139
1106.0	Size of Leaders, Conductors, and Storm Drains . . . . .	118	1327.0	Testing and Inspection . . . . .	140
1107.0	Values of Continuous Flow . . . . .	118	1328.0	System Certification . . . . .	142
1108.0	Controlled-Flow Roof Drainage . .	118	<b>Part III</b>	<b>Level 2 Medical Gas and Vacuum System . . . . .</b>	<b>142</b>
1109.0	Testing . . . . .	119	<b>Part IV</b>	<b>Level 3 Piped Gas and Vacuum System . . . . .</b>	<b>143</b>
1110.0	Abandoned Storm Sewers . . . . .	119	<b>Chapter 14</b>	<b>Mandatory Referenced Standards . . . . .</b>	<b>149</b>
<b>Chapter 12</b>	<b>DELETED . . . . .</b>	<b>123</b>	Table 14-1	Standards for Materials, Equipment, Joints, and Connections . . . . .	149
<b>Chapter 13</b>	<b>Health Care Facilities and Medical Gas and Vacuum Systems . . . . .</b>	<b>125</b>	<b>Chapter 15</b>	<b>Firestop Protection . . . . .</b>	<b>171</b>
<b>Part I</b>	<b>Special Requirements for Health Care Facilities . . . . .</b>	<b>125</b>	1501.0	General Requirements . . . . .	171
1301.0	Application . . . . .	125	1502.0	Plans and Specifications . . . . .	171
1302.0	Medical Gas and Vacuum Piping Systems -Installation Requirements . .	125	1503.0	Installation . . . . .	171
1303.0	Protrusions from Walls . . . . .	125	1504.0	Definitions . . . . .	171
1304.0	Psychiatric Patient Rooms . . . . .	125	1505.0	Combustion Piping Installations . .	171
1305.0	Locations for Ice Storage . . . . .	125	1506.0	Non-Combustible Piping Installation . . . . .	171
1306.0	Sterilizers . . . . .	125	1507.0	Required Inspection . . . . .	172
1307.0	Vapor Vents and Stacks for Sterilizers . . . . .	126	<b>Chapter 16</b>	<b>Gray Water Systems . . . . .</b>	<b>173</b>
1308.0	Aspirators . . . . .	126	<b>Part I</b>	<b>DELETED . . . . .</b>	<b>173</b>
<b>Part II</b>	<b>Medical Gas and Vacuum System . .</b>	<b>126</b>	<b>Part II</b>	<b>. . . . .</b>	<b>175</b>
1309.0	Application . . . . .	126	1613.0	Reclaimed Water Systems – General . . . . .	175
1310.0	Definitions . . . . .	126	1614.0	Definitions . . . . .	175
1311.0	General Requirements . . . . .	127	1615.0	Permit . . . . .	175
1312.0	Plan Review . . . . .	129	1616.0	Drawings and Specifications . . . . .	175
1313.0	System Performance . . . . .	129	1617.0	Pipe Material/Pipe Identification . .	175
1314.0	Required Pipe Sizing . . . . .	129	1618.0	Installation . . . . .	176
1315.0	Workmanship . . . . .	130	1619.0	Signs . . . . .	176
1316.0	Materials . . . . .	130	1620.0	Inspection and Testing . . . . .	177
1317.0	Cleaning for Medical Gas Piping Systems . . . . .	131	1621.0	Sizing . . . . .	178
1318.0	Installation of Piping . . . . .	131	1622.0	Approved Uses of Reclaimed Water . . . . .	178

OREGON PLUMBING SPECIALTY CODE

**Appendices Table of Contents** .....179

Appendix A Recommended Rules for Sizing the  
Water Supply System .....181

Appendix B Explanatory Notes on Combination  
Waste and Vent Systems .....197

Appendix C DELETED .....199

Appendix D Sizing Stormwater  
Drainage Systems .....201

Appendix E Manufactured/Mobile Home Parks  
and Recreational Vehicle Parks .....209

Appendix F DELETED .....217

Appendix H DELETED .....219

Appendix I Installation Standards  
Table of Content .....221

Appendix K DELETED .....313

Appendix L DELETED .....315

Appendix M Rainwater Harvesting Systems ...317

**Useful Tables** .....321

**Index** .....329

