



# Oregon

Theodore R. Kulongoski, Governor

Department of Consumer and Business Services

Building Codes Division

1535 Edgewater Street NW

PO Box 14470

Salem, OR 97309-0404

(503) 378-4133

FAX (503) 378-2322

bcd.oregon.gov

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*Oregon Mechanical Specialty Code*  
*Thursday, June 3, 2009*  
**Meeting Summary**

**\*\*NOTE:** *The following minutes are a summary of the committee's discussion.*  
*To review the meeting in its entirety, the archived video of the meeting is available*  
*on the committee's Web site at the following link: <http://www.bcd.oregon.gov/committees/10omsc.html>*

**Members Present:** (Chair) Jay Winchester, Washington County  
(Vice-chair) Lew Seagraves, Mechanical Engineer  
John Caul, Fire Marshall  
Paul Lukes, Sheet Metal and Air Conditioning National Association (SMACNA)  
Brian Kreig, Sheet Metal Workers (Local 16)  
Merlyn Gagle, Gagle's Heating Air Conditioning and Plumbing  
Guy Sperb, Mechanical Board Member

**Members Absent:** Susan Steward, Building Owners and Managers Association (BOMA)

**Guests Present:** John Stelzenmueller, Oregon Mechanical Officials Association (OMOA)  
James Bela, Oregon Earthquake Awareness  
Karl Harn, Oregon Mechanical Official Association  
Terry Hurst, NW Natural

**Staff Present:** Mike Ewert, Residential and Mechanical Code Specialist  
Jim Hanson, Policy Analyst  
Debi Barnes-Woods, Boards Coordinator  
Dana Fischer, Building Code Para-Technical

## **Introductions**

Committee members introduced themselves.

## **Chapter 4 Ventilation**

**Motion** to open Chapter 4 for discussion.

*Motion carried unanimously.*

## **Section 401.2, [BCD Staff Proposal #3](#)**

Mike Ewert explained the proposal to committee members.

**Motion** to approve BCD Staff Proposal #3, Section 402.1.

*Motion carried unanimously.*

### **Section 403**

Mr. Ewert asked the committee to discuss how the changes in this section may impact industry. Committee members discussed this section.

**Motion** to table Section 403 for further discussion.

*The committee continued to discuss Section 403.*

*Motion carried unanimously.*

## **Chapter 5 Exhaust Systems**

Mr. Ewert explained Chapter 5 and its significant changes to the committee. Committee members discussed this section.

**Motion** to table Section 502.19 for further discussion.

*Motion carried unanimously.*

### **Section 505, [BCD Staff Proposal #2](#)**

Mr. Ewert explained the intent of the proposal.

**Motion** to approve BCD Staff Proposal #2.

*Committee continued to discuss the proposal.*

*Motion carried unanimously.*

### **Section 506**

**Motion** to approve code change proposal [OMSC10-03](#).

*Motion carried unanimously.*

**Motion** to approve as modified Section 506 by moving Section 506.3.7.1 to Section 506.5.2 as 506.5.2.1

*Motion carried unanimously.*

### **Section 506.3.10**

Mr. Ewert explained Section 506.3.10 to the committee, stating that all the exceptions were changed to subsections.

### **Section 507**

Mr. Ewert explained Section 507 has been revised.

**Motion** to approve as modified Section 507, by retaining the model code language in “Section 507.2.1.1 Operations” and move the Oregon Amendment from its current location to Section 507.2.1.1 as an exception.

*Motion carried unanimously.*

### **Section 507.9**

Mr. Ewert explained the suggested changes to the committee.

**Motion** to approve modified Section 507.9, by retaining the language which is an Oregon Amendment and to reinstate the model code language contained in the exception.

*Motion carried unanimously.*

### **Section 507.2.3, [BCD Staff Proposal #5](#)**

Mr. Ewert asked the committee to re-open discussion on this section for BCD Staff Proposal #5, stating there is a current interpretation. He stated that it needs to be re-written and should be moved to Section 507.2.3 as an Exception.

**Motion** to approve as modified BCD Staff Proposal #5, adding it as an Exception to Section 507.2.3, modifying it by adding in the words “lunch rooms”.

*Committee members continued to discuss the proposal at length, making no changes to the motion.*

*Motion carried unanimously.*

### **Section 509**

Mr. Ewert explained the suggested changes to the committee.

### **Section 510.5.8 [BCD Staff Proposal #6](#)**

Mr. Ewert explained the proposal to the committee.

**Motion** to approve BCD Staff Proposal #6, adding the language as Section 510.5.8.

*Motion carried unanimously.*

**Motion** to approve as modified, Chapter 5.

*Motion carried unanimously.*

## **Lunch Break**

### **Chapter 6 Duct Systems**

Mr. Ewert explained to the committee the changes in Chapter 6.

**Motion** to approve as modified, Chapter 6 which includes the BCD staff recommendation to add Section 603.9.1.3.

*Motion carried unanimously.*

### **Chapter 7 Combustion Air**

Mr. Ewert explained Chapter 7 and that it directs the reader to Appendix C.

**Motion** to approve as modified, Chapter 7.

*Committee and audience members continued their discussion on Chapter 7. Committee members agreed to modify Section 701.1, adding a reference to Appendix C.*

*Motion carried unanimously.*

## **Chapter 8 Chimneys & Vents**

Mr. Ewert explained to the committee that no changes were made to this section.

**Motion** to approve Chapter 8.

*Motion carried unanimously.*

## **Chapter 9 Specific Appliances, Fireplaces & Solid Fuel-Burning Equipment**

Mr. Ewert asked the committee to reinstate 908.7, stating that although it may not be used that often, it does not hurt to have this section included in the code.

**Motion** to approve as modified Section 908.7, retaining the model code language.

*Motion carried unanimously.*

**Motion** to approve as modified, Chapter 9.

*Motion carried unanimously.*

## **Chapter 10 Boilers, Water Heaters & Pressure Vessels**

Mr. Ewert explained to the committee that the Mechanical Board does not have authority to approve boilers.

**Motion** to approve Chapter 10.

*Motion carried unanimously.*

## **Chapter 11 Refrigeration**

**Motion** to approve Chapter 11.

*Motion carried unanimously.*

## **Chapter 12 Hydronic Piping**

Mr. Ewert explained to the committee that Section 1201.3 is new.

**Motion** to approve Chapter 12.

*Motion carried unanimously.*

## **Chapter 13 Fuel Oil Piping & Storage**

Mr. Ewert stated there have been no national changes to Chapter 13

**Motion** to approve Chapter 13.

*Motion carried unanimously.*

## **Chapter 14 Solar Systems**

Mr. Ewert stated there have been no national changes to Chapter 14.

**Motion** to approve Chapter 14.

*Motion carried unanimously.*

## **Chapter 15 Referenced Standards**

Mr. Ewert asked the committee to refer to the matrix, which lists all the new standards. He further explained that the standards are listed throughout the code.

**Motion** to approved Chapter 15.

*Motion carried unanimously.*

## **Chapter 2 Definitions**

Mr. Ewert reminded the committee, that at the May 14<sup>th</sup> meeting, the committee tabled Chapter 2 until the committee discussed Chapter 7. Since there were no changes to Chapter 7, Mr. Ewert asked that the committee approve Chapter 2 as modified.

**Motion** to approve as modified, Chapter 2, deleting (as per model code change) the definitions for “Confined Spaces”, “Unconfined Spaces” and “Unusually Tight Construction”.

*Motion carried unanimously.*

## **Appendix C**

Mr. Ewert explained to the committee the changes in Appendix C.

### **Chapter 3 (C-3)**

#### **Section C307.3**

**Motion** to approve as modified Section 307.3, which deletes the sentence “Joints and connections shall be made in accordance with the applicable provisions of Chapter 7 of the Plumbing Code relative to the material type”.

*Motion carried unanimously.*

#### **Section C310**

Mr. Ewert asked that section C310 be tabled until the next meeting, since the section is new and the division has not had time to review it.

**Motion** to table Section C310 until the next meeting, in which BCD staff will bring forth a recommendation.

*Motion carried unanimously.*

#### **Section C402**

##### **Code proposal [OMSC10-04](#)**

Mr. Ewert explained the proposal adds two new tables.

Bruce Lewis further explained the proposal, expressing concern related to the pressure regulators.

**Motion** to approve code change proposal OMSC10-04 which reinstates gas piping.

*Motion carried unanimously.*

## **Chapter 5, [OMSC10-02](#)**

Chair Winchester asked the committee to reopen discussion on code change proposal OMSC10-02, located in Chapter 5.

Mr. Stelzenmueller explained the intent behind the proposal. He explained there is concern in the industry that dust collectors, when not cleaned on a regular basis do not collect dust particles as they are intended to do. This, he explained, could cause small scale explosions due to equipment failure. The proposed language is intended to eliminate potential explosions.

Committee members continued to discuss the proposal, but could not come to an agreement. Mr. Stelzenmueller asked the committee to table their discussion until the next meeting. He stated he would re-work the proposed language and bring it back to the committee for review. *The committee agreed.*

## **Appendix C**

### **Section C406.4.1**

Mr. Lewis stated he believes the model code should be carried forward for Section C406.4.1. Mr. Ewert stated that it has been reversed per industry recommendation.

### **Section C407.2**

Mr. Stelzenmueller asked the committee to discuss the definition of “metal”. He stated that OMOA did not support the code change because using the word “metal” is very restrictive. He further stated for the record, that OMOA still opposes the word “metal”.

**Motion** to delete the word “metal” in four places in Section C407.2.

*Motion failed unanimously.*

Chair Winchester reminded the committee that it will begin the next meeting with the continued discussion of Appendix C, beginning with Section C410. He also stated the committee will need to readdress the discussion on Chapter 4, Section 403 Ventilation, in which Mr. Seagraves will provide results of his research on the section and discuss indoor firing ranges.

**Motion** to adjourn

*Motion carried unanimously.*

## **Adjourn**

Meeting adjourned at 3:12 p.m.