



## **2014 Oregon Mechanical Specialty Code Significant Model Code Change Summary**

This document provides a brief summary of significant changes contained in the 2014 Oregon Mechanical Specialty Code (OMSC), based on the 2012 International Mechanical Code (IMC). This list contains only significant 2012 IMC model code changes, and is not inclusive of all changes in the 2014 OMSC.

### **CHAPTER 1 ADMINISTRATION**

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### **CHAPTER 2 DEFINITIONS**

1. 306.5 – New language requirements for ladders and clearances to ladders for access to elevated equipment
2. 308.5 – Reduced clearance allowed if listed and labeled in accordance with UL 1618.

### **CHAPTER 3 GENERAL REGULATIONS**

3. 306.5 – New language requirements for ladders and clearances to ladders for access to elevated equipment.
4. 308.5 – Reduced clearance allowed if listed and labeled in accordance with UL 1618.

### **CHAPTER 4 VENTILATION**

5. Table 403.3 – Separate classification for nail salons.
6. 404.1 – Parking garage ventilation intermittent operation allowed by means of carbon monoxide and nitrogen dioxide detectors.

### **CHAPTER 5 EXHAUST SYSTEMS**

7. 501.2 – exhaust types shall be run independently of other exhaust types. Only environmental air systems may be combined.
8. 505.1 – domestic kitchen exhaust shall be independent of other systems
9. 506.3.7.1, 506.3.9 – Type I grease duct requirements for grease reservoir and cleanouts
10. 506.3.10 – Underground grease duct installation requirements.
11. 506.3.11.2 – Fire wrap for grease duct must be complete per listing (full length of duct as tested)
12. 507.2 – Exception from hood for appliances with integral downdraft hoods listed and labeled per NFPA 96 to not require a separate hood.



13. 507.2.1 – Exception from requirement for a hood above appliances listed per UL 710B to have low emissions.
14. 507.2.1.1 – Interlock between hood and appliances shall not interrupt pilot light and shall not depend or use the fire extinguishing system.
15. 507.2.1.2 – Type I hoods shall bear a label with the required flow rate based on duty classification.
16. 507.10 – Field applied fire wrap system cannot be used to provide clearances required for a Type I hood penetrating a ceiling.
17. 510.7 – Relocation of exception from requiring fire protection in H-occupancy semiconductor fabrication facility exhaust.

## **CHAPTER 6 DUCT SYSTEMS**

18. 601.4 – Exceptions added for venting systems passing through a plenum.
19. 602.2.1 – Exceptions added for combustible materials in plenums.
20. 603.7 – Continuous, rigid duct required in private garages for systems serving living areas; match current residential code
21. 603.9 – All tape for ductwork sealing shall be listed for its use
22. 603.17 – Fabric (air dispersion) ductwork added to code

## **CHAPTER 7 COMBUSTION AIR**

## **CHAPTER 8 CHIMNEYS AND VENTS**

23. 805.3 – Limitation on number of offsets allowed for factory-built chimneys.

## **CHAPTER 9 SPECIFIC APPLIANCES, FIREPLACES AND SOLID FUEL-BURNING EQUIPMENT**

24. 901.4 – Fireplace accessories shall be listed per UL 907.
25. 927 – Radiant heating systems section deleted.
26. 928 – New section for evaporative cooling equipment

## **CHAPTER 10 BOILERS, WATER HEATERS AND PRESSURE VESSELS**

## **CHAPTER 11 REFRIGERATION**

27. 1101.10 – Locking access ports not required where the ports are otherwise secured.
28. 1106.4 – Ammonia refrigeration room ventilation requirements re-organized.

## **CHAPTER 12 HYDRONIC PIPING**

29. 1203.3 – Single step, combination primer-solvent for CPVC pipe allowed for pipe smaller than 2”.

**CHAPTER 13  
FUEL OIL PIPING AND STORAGE**

**CHAPTER 14  
SOLAR SYSTEMS**

**CHAPTER 15  
REFERENCE STANDARDS**

**APPENDIX C  
FUEL GAS**

30. C308.1 – Clarifies that gypsum board is a combustible material.
31. C404.1 – General piping installation requirements: in accordance with standard and acceptance method. Provisions of code apply if no standards or manufacturer's provisions.
32. C404.2 – CSST installation per listing and the code.
33. C404.18 - New Exception 2 allows approved fittings to reduce the cross sectional area of gas pipe. Includes excess flow valves, flashback arrestors, etc.
34. C408.4 – Sediment trap requires change in direction of flow of gas (horizontal to vertical; vertical to horizontal)
35. C410.4 – Excess flow valves must be listed.
36. C410.5 – Flashback arrestor required where combination of oxygen and fuel are used for hot work.