

OREGON STRUCTURAL SPECIALTY CODE AMENDMENTS

Last Updated May 22, 2009

Item Number	Description: Code Section & Topic	Proponent/ Affiliation	Action Taken By Structural Code Committee	Action Taken By Building Codes Structures Board	Comments on Action
SUBSTANTIAL REQUIREMENT CHANGES IN 2009 MODEL CODE					
311.2	Changes Occupancy Classification of aircraft hangars without maintenance or overhaul from an "S-2" to an "S-1"	N/A	Approved 12-09	5-	
403.2.3	Requires specific impact rating for materials used in exit enclosures and elevator hoistways in High-rise structures	N/A	Approved 12-09	5-	
403.3.2	Requires two separate connections to the water main for fire pump supply in High-rise structures.	N/A	Tabled 5-12-09		Committee tabled to future meeting - staff to research applicability with ICC
403.4.6	Requires natural or mechanical ability to remove smoke from each floor in High-rise structures	N/A	Tabled 5-12-09		Committee tabled to future meeting - staff to research applicability with ICC
403.6.1	Requires the installation of an additional elevator for fire service use in High-rise structures with occupied floor more than 420'.	N/A	Tabled 5-12-09		Committee tabled to future meeting - staff to research applicability with ICC
412.4.6.1	Requires fire suppression designed to Group 1 or Group 2 for group 3 hangars based on hazard specific criteria	N/A	Approved 12-09	5-	
419	New provisions for "Live/Work Units"	N/A	Approved 12-09	5-	Staff to bring correlating Chapter 11 language back to committee
422	New provisions Ambulatory Health Care Facilities	N/A	Approved 12-09	5-	
423	New provisions for Storm Shelters	N/A	Approved 12-09	5-	
Table 503	Significant reduction in allowable stories for certain Occupancy and construction types.	N/A	Approved 12-09	5-	

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703.6	Requires permanent identification of fire rated assemblies.	N/A	Approved 12-09	5-	
705.5	Increases the fire separation distance required to look at exposure from the inside of the structure.	N/A	Approved 12-09	5-	
903.2.2	Requires fire sprinklers in certain Group B ambulatory health care facilities.	N/A	Approved 12-09	5-	
903.3.2.3	Reduces fire area trigger for sprinklers in Group E occupancies from 20,000 sq. ft. to 12,000 sq. ft.	N/A	Approved 12-09	5-	
903.2.7	Requires sprinklers in all Group M occupancies that display or sell upholstered furniture.	N/A	Tabled 5-12-09		Committee tabled in anticipation of a public code change proposal
903.2.9.1 #4	Requires sprinklers in Group S-1 fire areas over 5,000 used for repair of commercial trucks or busses.	N/A	Approved 12-09	5-	
907.2.2.1	Requires smoke detection system in Group B ambulatory health care facilities.	N/A	Approved 12-09	5-	
915	Requires emergency responder radio coverage in all new buildings. (Check with John Caul)	N/A	Tabled 5-12-09		Get input from Fire Code Committee and fiscal impact
1024	New section requiring luminous egress path markings in certain High-rise structures	N/A	Tabled 5-12-09		Staff to check with U.S. Access Board to see if Braille was considered
1405.3	New provisions for Vapor retarders	N/A	Approved 12-09	5-	
1609.6	New section providing an alternative method for determining wind effects on a structure.	N/A	Tabled 5-12-09		Tabled until SEAO provides a recommendation on these new provisions
1614	New section with specific structural integrity requirements for High-rise structures.	N/A	Tabled 5-12-09		Tabled until SEAO provides a recommendation on these new provisions

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3007	New Section containing provisions for Fire Service Access Elevators	N/A	Tabled 5-12-09		
3008	New Section containing provisions for Occupant Evacuation Elevators	N/A	Tabled 5-12-09		Come back with technical info on how this would work
EDITORIAL AND NON-SUBSTANTATIVE REQUIREMENT CHANGES IN 2009 MODEL CODE					
Chapter 1	Administration	N/A			
Chapter 2	Definitions	N/A			
Chapter 3	Use and Occupancy Classification	N/A			
Chapter 4	Special Detailed Requirements Based on Use and Occupancy	N/A			
Chapter 5	General Building Heights and Areas	N/A			
Chapter 6	Types of Construction	N/A			
Chapter 7	Fire-Resistance-Rated Construction	N/A			
Chapter 8	Interior Finishes	N/A			
Chapter 9	Fire Protection Systems	N/A			
Chapter 10	Means of Egress	N/A			
Chapter 11	Accessibility	N/A			
Chapter 12	Interior Environment	N/A			
Chapter 13	Energy Efficiency	N/A			
Chapter 14	Exterior Walls	N/A			
Chapter 15	Roof Assemblies and Rooftop Structures	N/A			
Chapter 16	Structural Design	N/A			
Chapter 17	Structural Tests and Special Inspection	N/A			
Chapter 18	Soils and Foundations	N/A			
Chapter 19	Concrete	N/A			
Chapter 20	Aluminum	N/A			
Chapter 21	Masonry	N/A			
Chapter 22	Steel	N/A			
Chapter 23	Wood	N/A			
Chapter 24	Glass and Glazing	N/A			

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Chapter 25	Gypsum Board and Plaster	N/A			
Chapter 26	Plastic	N/A			
Chapter 27	electrical	N/A			
Chapter 28	Mechanical Systems	N/A			
Chapter 29	Plumbing Systems	N/A			
Chapter 30	Elevators and Conveying Systems	N/A			
Chapter 31	Special Construction	N/A			
Chapter 32	Encroachments into the Public Right-Of-Way	N/A			
Chapter 33	Safeguards During Construction	N/A			
Chapter 34	Existing Structures	N/A			
Chapter 35	Referenced Standards	N/A			
Appendix A	Employee Qualifications	N/A			
Appendix B	Board of Appeals	N/A			
Appendix C	Group U - Agricultural Buildings	N/A			
Appendix D	Fire Districts	N/A			
Appendix E	Supplementary Accessibility Requirements	N/A			
Appendix F	Rodent Proofing	N/A			
Appendix G	Flood-Resistant Construction	N/A			
Appendix H	Signs	N/A			
Appendix I	Patio Covers	N/A			
Appendix J	Grading	N/A			
Appendix K	ICC Electrical Code	N/A			
EXISTING OREGON AMENDMENTS					
EA07-01	CHAPTER 1 - Administrative	N/A			
EA07-02	CHAPTER 2 - Definitions	N/A			
EA07-03	CHAPTER 3 - Use and Occupancy Classification	N/A			
EA07-04	CHAPTER 4 - Special Detailed Requirements	N/A			

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Item Number	Description: Code Section & Topic	Proponent/ Affiliation	Action Taken By Structural Code Committee	Action Taken By Building Codes Structures Board	Comments on Action
EA07-05	CHAPTER 5 - General Building Heights and Areas	N/A			
EA07-06	CHAPTER 6 - Types of Construction (none)	N/A	N/A	N/A	No existing Oregon amendments
EA07-07	CHAPTER 7 - Fire-Resistance-Rated Construction	N/A	N/A	N/A	No existing Oregon amendments
EA07-08	CHAPTER 8 - Interior Finishes (none)	N/A	N/A	N/A	No existing Oregon amendments
EA07-09	CHAPTER 9 - Fire Protection Systems	N/A			
EA07-10	CHAPTER 10 - Means of Egress	N/A			
EA07-11	CHAPTER 11 - Accessibility	N/A			
EA07-12	CHAPTER 12 - Interior Environment	N/A			
EA07-13	CHAPTER 13 - Energy Efficiency	N/A	N/A		Commercial Energy Code Committee is reviewing this Chapter
EA07-14	CHAPTER 14 - Exterior Walls	N/A			
EA07-15	CHAPTER 15 - Roof Assemblies and Rooftop Structures	N/A			
EA07-16	CHAPTER 16 - Structural Design	N/A			
EA07-17	CHAPTER 17 - Structural Tests and Special Inspections	N/A			
EA07-18	CHAPTER 18 - Soils and Foundations	N/A			
EA07-19	CHAPTER 19 - Concrete	N/A	N/A	N/A	No existing Oregon amendments
EA07-20	CHAPTER 20 - Aluminum	N/A	N/A	N/A	No existing Oregon amendments
EA07-21	CHAPTER 21 - Masonry	N/A			
EA07-22	CHAPTER 22 - Steel	N/A	N/A	N/A	No existing Oregon amendments
EA07-23	CHAPTER 23 - Wood	N/A			
EA07-24	CHAPTER 24 - Glass and Glazing	N/A	N/A	N/A	No existing Oregon amendments
EA07-25	CHAPTER 25 - Gypsum Board and Plaster	N/A	N/A	N/A	No existing Oregon amendments
EA07-26	CHAPTER 26 - Plastic	N/A	N/A	N/A	No existing Oregon amendments
EA07-27	CHAPTER 27 - Electrical	N/A	N/A	N/A	No existing Oregon amendments
EA07-28	CHAPTER 28 - Mechanical Systems	N/A	N/A	N/A	No existing Oregon amendments

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EA07-29	CHAPTER 29 - Plumbing Systems	N/A			
EA07-30	CHAPTER 30 - Elevators and Conveying Sys.	N/A			
EA07-31	CHAPTER 31 - Special Construction	N/A			
EA07-32	CHAPTER 32- Encroachments	N/A			
EA07-33	CHAPTER 33 - Safeguards During Construction	N/A	N/A	N/A	No existing Oregon amendments
EA07-34	CHAPTER 34 - Existing Structures	N/A			
EA07-35	CHAPTER 35 - Referenced Standards	N/A			
EA07-36	APPENDIX A - Employee Qualifications (Not adopted by the State of Oregon)	N/A			
EA07-37	APPENDIX B - Board of Appeals (Not adopted by the State of Oregon)	N/A			
EA07-38	APPENDIX C - Group U Agricultural Buildings	N/A			
EA07-39	APPENDIX D - Fire Districts (Not adopted by the State of Oregon)	N/A			
EA07-40	APPENDIX E - Supplementary Accessibility Requirements (Not adopted by the State of Oregon)	N/A			
EA07-41	APPENDIX F - Rodent Proofing (Not adopted by the State of Oregon)	N/A			
EA07-42	APPENDIX G - Flood-Resistant Construction (Not adopted by the State of Oregon but may be adopted by local municipalities)	N/A			
EA07-43	APPENDIX H - Signs (Not adopted by the State of Oregon)	N/A			
EA07-44	APPENDIX I - Patio Covers (Adopted by the State of Oregon)	N/A			

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EA07-45	APPENDIX J - Grading (Adopted by the State of Oregon for optional use in municipalities)	N/A			
EA07-46	APPENDIX K - ICC Electric code Administrative provisions (Not adopted by the State of Oregon)	N/A			
EA07-47	APPENDIX L - Wildfire Hazard Mitigation (Adopted by the State of Oregon for optional use in municipalities)	N/A			
EA07-48	APPENDIX SR - Group SR Special Residence Occ. (Adopted by the State of Oregon)	N/A			

NEW AMENDMENT PROPOSALS (PUBLIC)

<http://www.bcd.oregon.gov/committees/10ossc/proposals.html>

OSSC10-01	Section 101.1 Title	Gary Armstrong			
OSSC10-02	Section 910 Adds testing requirement	Architectural Specialties Inc.			
OSSC10-03	Section 1704.12.5 Modifies test requirements for spray applied fire proofing	Carlson Testing Inc.			
OSSC10-04	Section 1501.2 Adds rooftop fall protection anchorage requirements	OR-OSHA			
OSSC10-05	Section 1613.7.6 Modifies size of ceiling requiring horizontal restraint	N.W. Wall and Ceiling Bureau			
OSSC10-06	Section 1008.1.9.3 Amends criteria for allowing key-operated locking devices	Hillsboro Fire Department			
OSSC10-07	Section 903.2.7 Amends sprinkler threshold for Group M Occupancies	OBOA			

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OSSC10-08	Section 903.3.1.2.1 Amends balcony and deck sprinkler requirement	OBOA			
OSSC10-09	Section 9.6.1 Adds section addressing fire extinguishers in existing buildings	OBOA			
OSSC10-10	Adds Section 2305.4 modifying shear wall capacity calculation of AF&PA SWPWS	SEAO			
OSSC10-11	Section 1613.7 modifies existing amendments to ASCE 7	SEAO			
OSSC10-12	Section 1613.7 modifies existing amendments to ASCE 7	SEAO			
OSSC10-13	Section 1613.7 modifies existing amendments to ASCE 7	SEAO			
OSSC10-14	Section 1608.2 Changes base document for determining snow loads	SEAO			
OSSC10-15	Table 1607.1 Adds Foot bridge load values to the table	SEAO			
OSSC10-16	1608.1 Changes base document for snow load design	SEAO			
OSSC10-17	Table 1607.1 Deletes specific reference to habitable attic from load table	SEAO			
OSSC10-18					
OSSC10-19					
NEW AMENDMENT PROPOSALS (BCD)					
OSSC10-62		BCD			
OSSC10-63		BCD			
OSSC10-64		BCD			
OSSC10-65		BCD			
OSSC10-66		BCD			
OSSC10-67		BCD			

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OSSC10-68		BCD			
EXISTING STATEWIDE ALTERNATE METHODS					
http://www.cbs.state.or.us/external/bcd/programs/structural/alternate_methods.html					
#05-02	Alternate method of construction for Dialysis Facilities	N/A			
#07-01	Child care in M occupancies	N/A			
#08-01	Snow load methodology	N/A			
#08-02	Power actuated fasteners	N/A			
#08-03	Screw anchors	N/A			
#08-04	Adhesive anchors	N/A			
#08-05	International Existing Building Code	N/A			
EXISTING STATEWIDE INTERPRETATIONS					
http://www.cbs.state.or.us/external/bcd/programs/structural/interps_by_date.html					
ESI 08-01	Use of Exterior Insulation and Finish Systems (E	N/A			
ESI 08-02	Agricultural Exemption	N/A			
ESI 08-03	Equine Exemption	N/A			
ESI 08-04	Sprinklers in F-1 Woodworking facilities	N/A			
ESI 07-01	Stories with one exit	N/A			
ESI 07-02	Replacement of existing glazing	N/A			
ESI 07-03	Stacked decks	N/A			
ESI 07-04	Suspended ceiling installation - revised	N/A			
ESI 07-05	Continuity of exit enclosures	N/A			
ESI 07-06	Areas of rescue assistance on ground floor	N/A			
ESI 07-07	Expansion of malls of type V construction	N/A			
ESI 06-01	Landings measurements	N/A			
ESI 06-02	Scope of dressing and fitting room provisions	N/A			
ESI 06-03	Sprinkler system installations in buildings with f	N/A			
ESI 06-04	Equine facilities	N/A			
ESI 06-05	1109.14.2 Single station alarms / ADA	N/A			

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ESI 05-01	1103.2.3.2 Detectable warnings at the Vehicular way	N/A			
ESI 05-02	503 Establishing allowable area	N/A			
ESI 05-03	Special inspections for seismic resistance	N/A			
ESI 05-04	Moisture proofing in toilet rooms	N/A			
ESI 04-01	302 Classification of fire stations	N/A			
ESI 04-02	1702.1 Periodic special inspections	N/A			
ESI 03-01	1312.2.1 Averaging of insulation R-value for sloped roof insulation.	N/A			
ESI 03-02	1312.2.2 Values obtained from simplified trade off method	N/A			
ESI 97-01	Yurts used as recreational structures	N/A			
ESI 95-01	Access to swimming pools, hot tubs and spa	N/A			
ESI 95-02	Whole building approach	N/A			
ESI 95-03	Simplified trade off approach	N/A			
ESI 95-04	Disabled access to church baptisteries	N/A			
ESI 94-01	Building within a building	N/A			
ESI 94-02	Insulation in zero-lot-line walls	N/A			
ESI 94-03	Acceptable installation of wall batt insulation	N/A			
ESI 94-04	Acceptable window and door sealing methods	N/A			
ESI 94-05	Product approvals and listing agencies	N/A			
ESI 94-06	Acceptable fiberglass wall insulation in rim joists	N/A			
ESI 94-07	Rational design of structures not using conventional wood framing	N/A			
ESI 94-08	Railroad right of way as required yards	N/A			
ESI 93-01	Structures on State, Federal or other property	N/A			
ESI 93-02	Special Inspector certification	N/A			

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ESI 92-03	One percent decorative or unique architectural glazing	N/A			
ESI 92-04	Underfloor insulation inspection	N/A			