

2010 Field/Fire Life Safety Construction Reminder List

Scope

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|--|--|--|------------------------|
| | | 1. The inspector shall have personal knowledge, obtained by continuous inspection of all parts of the work of construction. | CAC, Sec. 7-145 (a) 1. |
| | | 2. The office shall make such observation as in its judgment is necessary or proper for enforcement of all applicable parts of the California Building Standards Code. | CAC, Sec. 7-147 (a) |
| | | 3. The architect or engineer in responsible charge of the work shall prepare a testing, inspection and observation program. | CAC, Sec. 7-141 (d) |

CHK N/A I. Egress During Construction

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|--------------------------|--------------------------|--|------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Means of egress from occupied spaces assured. | CFC, Sec. 1411.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Reduction in required exit width approved. | CFC, Sec. 1411.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Reduction in number of means of egress approved. | CFC, Sec. 1411.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Temporary means of egress approved. | CFC, Sec. 1411.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Modifications to existing means of egress approved. | CFC, Sec. 1411.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Temporary exit signs provided. | CBC, Sec. 1011 |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Emergency planning information provided. | CFC, Sec. 1408.2 |

CHK N/A II. Fire Safety During Construction

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|--------------------------|--------------------------|--|-------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Fire rated separations maintained. | CFC, Sec. 703.1 & 703.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Temporary construction barriers provided. | CFC, Sec. 703.1 & 703.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Temporary standpipes provided during construction. | CFC, Sec. 1413.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Existing fire alarm notification devices maintained. | CFC, Sec. 1408.4 |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Access to existing manual fire alarm pull stations maintained. | CFC, Sec. 1408.4 |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Access to existing fire extinguishers maintained. | CFC, Sec. 1408.4 |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Existing automatic fire sprinkler system maintained. | CFC, Sec. 1408.4 |
| <input type="checkbox"/> | <input type="checkbox"/> | 8. Fire extinguishers provided during construction. | CFC, Sec. 1415.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | 9. Interruptions of fire life safety systems require advanced notice. | CFC, Sec. 901.7.4 |
| <input type="checkbox"/> | <input type="checkbox"/> | 10. Interruptions to fire alarm/fire sprinkler systems require fire watch. | CFC, Sec. 901.7 |
| <input type="checkbox"/> | <input type="checkbox"/> | 11. Fire watch required for hot work. | CFC, Sec. 2604.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 12. Fire watch procedures in accordance with fire authority. | CFC, Sec. 1404.5 |

CHK N/A III. Performance of construction

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|--------------------------|--------------------------|---|------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Building permit required prior to work beginning | CAC, Sec. 7-135 |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Approved plans and specifications available on site | CAC, Sec. 7-145 (a) 4. |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Approved fire sprinkler drawings on site prior to installation | CAC, Sec. 7-145 (a) 4. |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Approved fire alarm drawings on site prior to installation - Note that fire alarm work is permitted to commence when location of devices is included with approved plans. | CAC, Sec. 7-145 (a) 4. |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Installation details required for fire dampers, smoke-fire dampers, fire stop systems, head of wall systems, edge of slab systems, expansion joint systems, spray applied fireproofing, duct detectors, in-duct detectors. | CBC, Sec. 107.2.1 |

CHK	N/A	IV. Tests and inspections	
<input type="checkbox"/>	<input type="checkbox"/>	1. Inspection of fire mains, hydrants, control valves and methods of restraint prior to burial.	NFPA 24, Sec. 10.10
<input type="checkbox"/>	<input type="checkbox"/>	2. Hydrostatic testing of underground fire system piping.	NFPA 24, Sec. 10.10
<input type="checkbox"/>	<input type="checkbox"/>	3. Inspection of sprinkler and standpipe piping, valves, hangers, braces, anchorage and heads.	NFPA 13, Sec. 24.2
<input type="checkbox"/>	<input type="checkbox"/>	4. Testing of anchors for hangers and braces.	CBC, Sec. 1916A
<input type="checkbox"/>	<input type="checkbox"/>	5. Hydrostatic testing of aboveground fire sprinkler and standpipe system piping.	NFPA 13, Sec. 24.2
<input type="checkbox"/>	<input type="checkbox"/>	6. Inspection of fire alarm control panels, circuits, initiation, supervisory and notification devices.	NFPA 72, Sec. 14.4.1.1
<input type="checkbox"/>	<input type="checkbox"/>	7. Test fire alarm system performance of all initiating and notification devices.	NFPA 72, Sec. 14.4.1.1
<input type="checkbox"/>	<input type="checkbox"/>	8. Test activation of automatic fire doors, elevator recall, shut down of HVAC, elevator shunt trip and interconnection of automatic extinguishing systems.	NFPA 72, Sec. 14.4.1.1
<input type="checkbox"/>	<input type="checkbox"/>	9. Inspection and operation of fire dampers, smoke-fire dampers, fire assemblies, smoke-and-draft control assemblies, delayed egress systems and access control systems.	CBC, Sec. 110.1
<input type="checkbox"/>	<input type="checkbox"/>	10. Inspection and testing of smoke control systems including pressurized stair enclosures.	CBC, Sec. 1704A.16
<input type="checkbox"/>	<input type="checkbox"/>	11. Construction of fire rated construction and fire rated separations.	CBC, Sec. 110.1
<input type="checkbox"/>	<input type="checkbox"/>	12. Inspection and testing of spray applied fireproofing.	CBC, Sec. 1704A.12
<input type="checkbox"/>	<input type="checkbox"/>	13. Inspection of mastic and intumescent fire-resistant coatings.	CBC, Sec. 1704A.13
<input type="checkbox"/>	<input type="checkbox"/>	14. Inspection of fire stop systems, head of wall systems, edge of slab systems and expansion joint systems.	CBC, Sec. 1704A.15
<input type="checkbox"/>	<input type="checkbox"/>	15. Inspection and testing of emergency generator.	NFPA 110, Sec. 7.13
<input type="checkbox"/>	<input type="checkbox"/>	16. Inspection and testing of emergency power for egress lighting, exit signs, fire alarm systems, medical gas alarm systems, elevators, public address systems.	CBC, Sec. 110.1
<input type="checkbox"/>	<input type="checkbox"/>	17. Inspection and testing of underground fuel storage and piping.	CFC, Sec. 3404.2.12
<input type="checkbox"/>	<input type="checkbox"/>	18. Inspection of aboveground fuel storage, spill control, secondary containment and testing of piping system.	CFC, Sec. 3403.6.3 & CFC, Sec. 105.2.2
<input type="checkbox"/>	<input type="checkbox"/>	19. Inspection and testing of refrigeration leak detection, emergency ventilation and alarm system.	CMC, Sec. 1121.4
<input type="checkbox"/>	<input type="checkbox"/>	20. Inspection and testing of medical gas system piping, valves and alarm panels.	NFPA 99, Sec. 5.1.12
<input type="checkbox"/>	<input type="checkbox"/>	21. Installation and location of exit signs, tactile exit signs, stairway identification signs, emergency evacuation signs, elevator signs, occupant load/room capacity signs.	CBC, Sec. 110.1
<input type="checkbox"/>	<input type="checkbox"/>	22. Location and installation of fire extinguishers.	CFC, Sec. 906

APPLICABLE CODES AND STANDARDS

2010 California Administrative Code - Part 1, Title 24, CCR

**2010 California Building Code – Part 2, Title 24, CCR
(2009 International Building Code and 2010 California Amendments)**

**2010 California Electrical Code – Part 3, Title 24, CCR
(2008 National Electrical Code and 2010 California Amendments)**

**2010 California Mechanical Code - Part 4, Title 24, CCR
(2009 Uniform Mechanical Code and 2010 California Amendments)**

**2010 California Plumbing Code - Part 4, Title 24, CCR
(2009 Uniform Plumbing Code and 2010 California Amendments)**

**2010 California Fire Code – Part 9, Title 24, CCR
(2009 International Fire Code and 2010 California Amendments)**

National Fire Protection Association (NFPA)

NFPA 13 *Installation of Sprinkler Systems*, 2010 Edition

NFPA 24 *Installation of Private Fire Service Mains*, 2010 Edition

NFPA 72 *National Fire Alarm and Signaling Code*, 2010 Edition

NFPA 99 *Health Care Facilities*, 2005 Edition

NFPA 110 *Emergency and Standby Power Systems*, 2005 Edition

OSHPD Policy Intent Notices and Code Application Notices.

<http://www.oshpd.ca.gov/FDD/Regulations/CANs/index.html>

OSHPD Project Review Status

http://www.oshpd.ca.gov/FDD/project_status/index.asp

OSHPD Public Use Forms

<http://www.oshpd.ca.gov/FDD/Forms/index.html>