

2016 Field/Fire Life Safety Construction Reminder List

I. 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 and administer a testing, inspection and observation program. | CAC, Sec. 7-141 (d) |

CHK N/A II. Egress During Construction

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|--------------------------|--------------------------|---|------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Means of egress from occupied spaces assured | CFC, Sec. 3311.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Reduction in required exit width approved | CFC, Sec. 3311.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Reduction in number of means of egress approved | CFC, Sec. 3311.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Temporary means of egress approved | CFC, Sec. 3311.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Modifications to existing means of egress approved | CFC, Sec. 3311.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Temporary exit signs provided | CBC, Sec. 1013 |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Emergency planning information provided | CFC, Sec. 3308.2 |

CHK N/A III. 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. See OSHPD CAN 9-3301 | CFC, Sec. 703.1 & 703.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Temporary standpipes provided during construction | CFC, Sec. 3313.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Existing fire alarm notification devices maintained | CFC, Sec. 3308.4 |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Access to existing manual fire alarm pull stations maintained | CFC, Sec. 3308.4 |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Access to existing fire extinguishers maintained | CFC, Sec. 3308.4 |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Existing automatic fire sprinkler system maintained | CFC, Sec. 3308.4 |
| <input type="checkbox"/> | <input type="checkbox"/> | 8. Fire extinguishers provided during construction | CFC, Sec. 3315.1 |
| <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. See OSHPD PIN 4 | CFC, Sec. 901.7 |
| <input type="checkbox"/> | <input type="checkbox"/> | 11. Fire watch required for hot work. See OSHPD PIN 4 | CFC, Sec. 3504.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 12. Fire watch procedures in accordance with fire authority. See OSHPD PIN 4 | CFC, Sec. 3304.5 |

CHK N/A IV. 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 construction documents 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. |

- 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 V. Tests and Inspections

- 1. Inspection of fire mains, hydrants, control valves and methods of restraint prior to burial **NFPA 24, Sec. 10.10**
- 2. Hydrostatic testing of underground fire system piping **NFPA 24, Sec. 10.10**
- 3. Inspection of sprinkler and standpipe piping, valves, hangers, braces, anchorage and heads **NFPA 13, Sec. 25.2**
- 4. Testing of anchors for hangers and braces **CBC, Sec. 1910A**
- 5. Hydrostatic testing of aboveground fire sprinkler and standpipe system piping **NFPA 13, Sec. 25.2**
- 6. Inspection of fire alarm control panels, circuits, initiation, supervisory and notification devices **NFPA 72, Sec. 14.4**
- 7. Test fire alarm system performance of all initiating and notification devices. See OSHPD PIN 63 **NFPA 72, Sec. 14.4**
- 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**
- 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**
- 10. Inspection and testing of smoke control systems including pressurized stair enclosures **CBC, Sec. 1705A.18**
- 11. Construction of fire rated construction and fire rated separations **CBC, Sec. 110.1**
- 12. Inspection and testing of spray applied fireproofing **CBC, Sec. 1705A.14**
- 13. Inspection of mastic & intumescent fire-resistant coatings **CBC, Sec. 1705A.15**
- 14. Inspection of fire stop systems, head of wall systems, edge of slab systems and expansion joint systems **CBC, Sec. 1705A.17**
- 15. Inspection and testing of emergency generator **NFPA 110, Sec. 7.13**
- 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**
- 17. Inspection and testing of underground fuel storage and piping. See OSHPD PIN 2 **CFC, Sec. 5704.2.12**
- 18. Inspection of aboveground fuel storage, spill control, secondary containment and testing of piping system. **CFC, Sec. 5703.6.3 & CFC, Sec. 106.2**
- 19. Inspection and testing of refrigeration leak detection, emergency ventilation and alarm system **CMC, Sec. 1108.4**
- 20. Inspection and testing of medical gas system piping, valves and alarm panels **NFPA 99, Sec. 5.1.12**
- 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**
- 22. Location and installation of fire extinguishers **CFC, Sec. 906**

APPLICABLE CODES AND STANDARDS

2016 California Administrative Code - Part 1, Title 24, CCR

**2016 California Building Code – Part 2, Title 24, CCR
(2015 International Building Code and 2016 California
Amendments)**

**2016 California Electrical Code – Part 3, Title 24, CCR
(2014 National Electrical Code and 2016 California Amendments)**

**2016 California Mechanical Code - Part 4, Title 24, CCR
(2015 Uniform Mechanical Code and 2016 California Amendments)**

**2016 California Plumbing Code - Part 4, Title 24, CCR
(2015 Uniform Plumbing Code and 2016 California Amendments)**

**2016 California Fire Code – Part 9, Title 24, CCR
(2015 International Fire Code and 2016 California Amendments)**

National Fire Protection Association (NFPA)

NFPA 13 *Installation of Sprinkler Systems*, 2016 Edition

NFPA 24 *Installation of Private Fire Service Mains*, 2016 Edition

NFPA 72 *National Fire Alarm and Signaling Code*, 2016 Edition

NFPA 99 *Health Care Facilities*, 2015 Edition

NFPA 110 *Emergency and Standby Power Systems*, 2016 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>