

# 2019 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 and/or engineer in responsible charge of the work shall prepare and administer a testing, inspection and observation program.                         | CAC, Sec. 7-141 (d)    |

<b>CHK</b>	<b><u>N/A</u></b>	<b>II. Egress During Construction</b>	
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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. 1013.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Emergency planning information provided            | CFC, Sec. 3308.2 |

<b>CHK</b>	<b><u>N/A</u></b>	<b>III. Fire Safety During Construction</b>	
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|--------------------------|--------------------------|---|--|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Fire rated separations maintained including penetrations, joints, voids and openings   | CFC, Sec. 701.5, 703.1, 704.1, 704.2 & 705.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Fire-resistance-rated construction maintained including structural members, exterior walls, fire walls, fire barriers, fire partitions, horizontal assemblies & shaft enclosures | CFC, Sec. 701.2                              |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Temporary construction barriers provided See OSHPD CAN 9-3301  | CFC, Sec. 701.2                              |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Temporary standpipes provided during construction  | CFC, Sec. 3313.1                             |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Existing fire alarm notification devices maintained  | CFC, Sec. 3308.5                             |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Access to existing manual fire alarm pull stations maintained  | CFC, Sec. 3308.5                             |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Access to existing fire extinguishers maintained   | CFC, Sec. 3308.5                             |
| <input type="checkbox"/> | <input type="checkbox"/> | 8. Existing automatic fire sprinkler system maintained  | CFC, Sec. 3308.5                             |
| <input type="checkbox"/> | <input type="checkbox"/> | 9. Fire extinguishers provided during construction  | CFC, Sec. 3315.1                             |
| <input type="checkbox"/> | <input type="checkbox"/> | 10. Interruptions of fire life safety systems require advanced notice   | CFC, Sec. 901.7.4                            |
| <input type="checkbox"/> | <input type="checkbox"/> | 11. Interruptions to fire alarm/fire sprinkler systems require fire watch See OSHPD PIN 4   | CFC, Sec. 901.7                              |
| <input type="checkbox"/> | <input type="checkbox"/> | 12. Fire watch required for hot work See OSHPD PIN 4  | CFC, Sec. 3504.2                             |
| <input type="checkbox"/> | <input type="checkbox"/> | 13. Fire watch procedures in accordance with fire authority See OSHPD PIN 4   | CFC, Sec. 3304.5                             |

<b>CHK</b>	<b><u>N/A</u></b>	<b>IV. Performance of Construction</b>	
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|--------------------------|--------------------------|---|------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Building permit required prior to work beginning               | CAC, Sec. 7-135 (a)    |
| <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. |

<b>CHK</b>	<b>N/A</b>	<b>IV. Performance of Construction Continued</b>	
<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	<b>CAC, Sec. 7-145 (a) 4.</b>
<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	<b>CBC, Sec. 107.2.1</b>
<b>CHK</b>	<b>N/A</b>	<b>V. Tests and Inspections</b>	
<input type="checkbox"/>	<input type="checkbox"/>	1. Inspection of fire mains, hydrants, control valves and methods of restraint prior to burial	<b>NFPA 24, Sec. 10.10</b>
<input type="checkbox"/>	<input type="checkbox"/>	2. Hydrostatic testing of underground fire system piping	<b>NFPA 24, Sec. 10.10</b>
<input type="checkbox"/>	<input type="checkbox"/>	3. Inspection of sprinkler and standpipe piping, valves, hangers, braces, anchorage and heads	<b>NFPA 13, Sec. 25.2</b>
<input type="checkbox"/>	<input type="checkbox"/>	4. Testing of anchors for hangers and braces	<b>CBC, Sec. 1901 &amp; 1910A</b>
<input type="checkbox"/>	<input type="checkbox"/>	5. Hydrostatic testing of aboveground fire sprinkler and standpipe system piping	<b>NFPA 13, Sec. 25.2</b>
<input type="checkbox"/>	<input type="checkbox"/>	6. Inspection of fire alarm control panels, circuits, initiation, supervisory and notification devices	<b>NFPA 72, Sec. 14.4</b>
<input type="checkbox"/>	<input type="checkbox"/>	7. Test fire alarm system performance of all initiating and notification devices See OSHPD PIN 63	<b>NFPA 72, Sec. 14.4</b>
<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.	<b>NFPA 72, Sec. 14.4</b>
<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	<b>CBC, Sec. 110.1</b>
<input type="checkbox"/>	<input type="checkbox"/>	10. Inspection and testing of smoke control systems including pressurized stair enclosures	<b>CBC, Sec. 1705A.18</b>
<input type="checkbox"/>	<input type="checkbox"/>	11. Construction of fire rated construction and fire rated separations	<b>CBC, Sec. 110.1</b>
<input type="checkbox"/>	<input type="checkbox"/>	12. Inspection and testing of spray applied fireproofing	<b>CBC, Sec. 1705A.14</b>
<input type="checkbox"/>	<input type="checkbox"/>	13. Inspection of mastic & intumescent fire-resistant coatings	<b>CBC, Sec. 1705A.15</b>
<input type="checkbox"/>	<input type="checkbox"/>	14. Inspection of fire stop systems, head of wall systems, edge of slab systems and expansion joint systems	<b>CBC, Sec. 1705A.17</b>
<input type="checkbox"/>	<input type="checkbox"/>	15. Inspection and testing of emergency generator	<b>NFPA 110, Sec. 7.13</b>
<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	<b>CBC, Sec. 110.1</b>
<input type="checkbox"/>	<input type="checkbox"/>	17. Inspection and testing of underground fuel storage and piping See OSHPD PIN 2	<b>NFPA 30, Secs. 21.5 &amp; 21.8 &amp; CFC, Sec. 107.2</b>
<input type="checkbox"/>	<input type="checkbox"/>	18. Inspection of aboveground fuel storage, spill control, secondary containment and testing of piping system.	<b>NFPA 30, Secs. 21.5 &amp; 21.8 &amp; CFC, Sec. 107.2</b>
<input type="checkbox"/>	<input type="checkbox"/>	19. Inspection and testing of refrigeration leak detection, emergency ventilation and alarm system	<b>CMC, Sec. 1108.4</b>
<input type="checkbox"/>	<input type="checkbox"/>	20. Inspection and testing of medical gas system piping, valves and alarm panels	<b>NFPA 99, Sec. 5.1.12</b>

<b>CHK</b>	<b>N/A</b>	<b>V. Tests and Inspections Continued</b>	
<input type="checkbox"/>	<input type="checkbox"/>	<b>21.</b> Installation and location of exit signs, tactile exit signs, stairway identification signs, emergency evacuation signs, elevator signs, occupant load/room capacity signs	<b>CBC, Sec. 110.1</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>22.</b> Location and installation of fire extinguishers	<b>CFC, Sec. 906</b>

## **APPLICABLE CODES AND STANDARDS**

**2019 California Administrative Code - Part 1, Title 24, CCR**

**2019 California Building Code – Part 2, Title 24, CCR  
(2018 International Building Code and 2019 California Amendments)**

**2019 California Electrical Code – Part 3, Title 24, CCR  
(2017 National Electrical Code and 2019 California Amendments)**

**2019 California Mechanical Code - Part 4, Title 24, CCR  
(2018 Uniform Mechanical Code and 2019 California Amendments)**

**2019 California Plumbing Code - Part 4, Title 24, CCR  
(2018 Uniform Plumbing Code and 2019 California Amendments)**

**2019 California Fire Code – Part 9, Title 24, CCR  
(2015 International Fire Code and 2019 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*, 2018 Edition  
NFPA 110 *Emergency and Standby Power Systems*, 2016 Edition**

OSHPD Policy Intent Notices and Code Application Notices.

<https://oshpd.ca.gov/construction-finance/codes-and-regulations/#cans-pins-fags>

OSHPD Project Review Status

<https://esp.oshpd.ca.gov/CitizenAccess/>

OSHPD Public Use Forms

<https://oshpd.ca.gov/construction-finance/resources/forms-applications-reminder-lists/#ProjectForms>