

2022 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) |

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. 3312.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Reduction in required exit width approved | CFC, Sec. 3312.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Reduction in number of means of egress approved | CFC, Sec. 3312.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Temporary means of egress approved | CFC, Sec. 3312.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Modifications to existing means of egress approved | CFC, Sec. 3312.2 |
| <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. 3303.2 |

CHK N/A III. Fire Safety During Construction

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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. 3314.1 |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Existing fire alarm notification devices maintained | CFC, Sec. 3303.7 |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Access to existing manual fire alarm pull stations maintained | CFC, Sec. 3303.7 |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Access to existing fire extinguishers maintained | CFC, Sec. 3303.7 |
| <input type="checkbox"/> | <input type="checkbox"/> | 8. Existing automatic fire sprinkler system maintained | CFC, Sec. 3303.7 |
| <input type="checkbox"/> | <input type="checkbox"/> | 9. Fire extinguishers provided during construction | CFC, Sec. 3316.1 |
| <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 14 | CFC, Sec. 901.7 |
| <input type="checkbox"/> | <input type="checkbox"/> | 12. Fire watch required for hot work See OSHPD PIN 14 | CFC, Sec. 3504.2 |
| <input type="checkbox"/> | <input type="checkbox"/> | 13. Fire watch procedures in accordance with fire authority See OSHPD PIN 14 | CFC, Sec. 3305.5 |

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 (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. |

CHK	N/A	IV. Performance of Construction Continued	
<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	V. 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. 29.2
<input type="checkbox"/>	<input type="checkbox"/>	4. Testing of anchors for hangers and braces	CBC, Sec. 1901 & 1910A
<input type="checkbox"/>	<input type="checkbox"/>	5. Hydrostatic testing of aboveground fire sprinkler and standpipe system piping	NFPA 13, Sec. 29.2
<input type="checkbox"/>	<input type="checkbox"/>	6. Inspection of fire alarm control panels, circuits, initiation, supervisory and notification devices	NFPA 72, Sec. 14.4
<input type="checkbox"/>	<input type="checkbox"/>	7. Test fire alarm system performance of all initiating and notification devices See OSHPD PIN 63	NFPA 72, Sec. 14.4
<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
<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. 1705A.19
<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. 1705A.15
<input type="checkbox"/>	<input type="checkbox"/>	13. Inspection of mastic & intumescent fire-resistant coatings	CBC, Sec. 1705A.16
<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. 1705A.18
<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 See OSHPD PIN 2	NFPA 30, Secs. 21.5 & 21.8 & CFC, Sec. 108.2
<input type="checkbox"/>	<input type="checkbox"/>	18. Inspection of aboveground fuel storage, spill control, secondary containment and testing of piping system.	NFPA 30, Secs. 21.5 & 21.8 & CFC, Sec. 108.2
<input type="checkbox"/>	<input type="checkbox"/>	19. Inspection and testing of refrigeration leak detection, emergency ventilation and alarm system	CMC, Sec. 1108.4
<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

CHK	N/A	V. Tests and Inspections Continued	
<input type="checkbox"/>	<input type="checkbox"/>	21. Acceptance testing of energy storage system (ESS) in accordance with manufacturer's instructions and commissioning plan.	CFC, Sec. 1207.2.1.1
<input type="checkbox"/>	<input type="checkbox"/>	22. 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"/>	23. Location and installation of fire extinguishers	CFC, Sec. 906

APPLICABLE CODES AND STANDARDS

2022 California Administrative Code - Part 1, Title 24, CCR

**2022 California Building Code – Part 2, Title 24, CCR
(2021 International Building Code and 2019 California Amendments)**

**2022 California Electrical Code – Part 3, Title 24, CCR
(2020 National Electrical Code and 2019 California Amendments)**

**2022 California Mechanical Code - Part 4, Title 24, CCR
(2021 Uniform Mechanical Code and 2019 California Amendments)**

**2022 California Plumbing Code - Part 4, Title 24, CCR
(2021 Uniform Plumbing Code and 2019 California Amendments)**

**2022 California Fire Code – Part 9, Title 24, CCR
(2021 International Fire Code and 2019 California Amendments)**

National Fire Protection Association (NFPA)

**NFPA 13 *Installation of Sprinkler Systems*, 2022 Edition
NFPA 24 *Installation of Private Fire Service Mains*, 2019 Edition
NFPA 30 *Flammable & Liquids Code*, 2021 Edition
NFPA 72 *National Fire Alarm and Signaling Code*, 2022 Edition
NFPA 99 *Health Care Facilities*, 2021 Edition
NFPA 110 *Emergency and Standby Power Systems*, 2019 Edition**

OSHPD Policy Intent Notices and Code Application Notices.

<https://hcai.ca.gov/construction-finance/codes-and-regulations/#PINs>

<https://hcai.ca.gov/construction-finance/codes-and-regulations/#CANs>

OSHPD Project Review Status

<https://hcai.ca.gov/construction-finance/resources/project-status-reports/>

OSHPD Public Use Forms

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