

# Fire Inspector's Guide

## S-Occupancies

### I. EXTINGUISHERS

- A. One Class 2-A rated fire extinguisher shall be provided for each 6000 square feet (560 m<sup>2</sup>) of light hazard fuel load or one Class 2-A extinguisher for each 3000 square feet (280 m<sup>2</sup>) of ordinary hazard fuel load. Travel distance shall not exceed 75 feet (25 m). . CFC Sec. 906.3
- B. If Class B fuel hazards are present, a Class B rated fire extinguisher shall be provided in accordance with Table 906.3(2) of the CFC. ....CFC Sec. 906.3
- C. Additional extinguishers shall be provided for lumber storage, rack storage and combustible fiber storage areas in accordance with Table 906.1 of the CFC. ....CFC Sec. 906.1
- D. Extinguishers shall be manually inspected at least monthly by the building owner or occupant, or electronically monitored. ....T19 Sec. 574.1
- E. Extinguishers shall be subjected to maintenance annually as described in Title 19 CCR. With exceptions, this type of service does not require internal examination of the extinguisher. ....T19 Sec. 575.1
- F. Fire extinguishers shall not be obstructed or obscured from view. ....CFC Sec. 906.6

### II. MEANS OF EGRESS

- A. Two exits or exit access doorways shall be provided when the occupant load of a space or room exceeds 29, or when the common path of egress travel in the space or room exceeds 100 feet (30.5 m). ....CFC Table 1015.1
- B. Means of egress doors shall swing in direction of egress travel where serving an occupant load of 50 or more persons. ....CFC Sec. 1008.1.2
- C. The common path of egress travel shall not exceed 75 feet in unsprinklered buildings and 100 feet in sprinklered buildings. ....CFC Sec. 1014.3
- D. Obstructions. A means of egress shall be free from obstructions that would prevent its use, including the accumulation of snow and ice. ....CFC Sec. 1030.3
- E. The means of egress, including the exit discharge, shall be illuminated whenever the building is occupied. ....CFC Sec. 1006.1
- F. In the event of power supply failure, an emergency electrical system shall automatically illuminate aisles, stairways, corridors and other egress components in areas that require two or more exits. ....CFC Sec. 1006.3
- G. Exit signs shall be provided where two or more exits are required from a room or area. ....CFC Sec. 1011.1
- H. Exit signs shall be internally or externally illuminated by a primary power source and a secondary power source capable of illuminating the sign for at least 90 minutes. ....CFC Sec. 1011.4 - 1011.5
- I. Corridors in unsprinklered buildings shall have a fire resistance rating of one hour. ....CFC Table 1018.1

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### III. HOUSEKEEPING

- A. Storage of combustible materials in buildings shall be orderly, with storage separated from heating devices by distance or shielding so that ignition cannot occur. ....CFC Sec. 315.2
- B. Combustible waste containers larger than 40 gallons (0.15 m<sup>3</sup>) shall be constructed of noncombustible material or approved combustible material and provided with a lid. ....CFC Sec. 304.3.2
- C. Combustible waste containers larger than 1.5 cubic yards (1.15 m<sup>3</sup>) shall not be stored in buildings or placed within 5 feet (1524 mm) of combustible walls, openings or combustible roof eave lines. ....CFC Sec. 304.3.3
- D. Materials susceptible to spontaneous ignition, such as oily rags, shall be stored in a listed disposal container. ....CFC Sec. 304.3.1
- E. Combustible material shall not be stored in boiler rooms, mechanical rooms or electrical equipment rooms. ....CFC Sec. 315.2.3
- F. Storage shall be maintained 2 feet (610 mm) or more below the ceiling in non sprinklered areas of buildings or a minimum of 18 inches (457 mm) below sprinkler deflectors in sprinklered areas of buildings. ....CFC Sec. 315.2.1

### IV. ELECTRICAL

- A. Temporary wiring is allowed for a period not to exceed 90 days; such wiring is allowed for longer periods for construction, remodeling or repair of buildings or equipment. ....CFC Sec. 605.9
- B. Extension cords and flexible cords shall not be used as a substitute for permanent wiring. ....CFC Sec. 605.5
- C. Multiplug adaptors, such as cube adaptors, unfused plug strips or other such devices not complying with the California Electrical code shall be prohibited. ....CFC Sec. 605.4
- D. Relocatable power taps shall be permitted if of the grounded type listed by an approved testing laboratory and directly connected to a permanently installed receptacle. ....CFC Sec. 605.4.1
- E. Appliance cords and extension cords shall be maintained in good condition without splices, deterioration or damage. ....CFC Sec. 605.5.3
- F. Power taps and extension cords shall not be affixed to structures, extended through walls, ceilings or floors, or under doors or floor coverings, nor subject to physical impact. ....CFC Sec. 605.4.3
- G. A working space of not less than 30 inches (762 mm) in width, 26 inches (914 mm) in depth and 78 inches (1981 mm) in height shall be provided in front of the electrical service equipment. Storage is prohibited within this designated working space. ....CFC Sec. 605.3

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## S-Occupancies (Continued)

### V. FLAMMABLE & COMBUSTIBLE LIQUIDS

- A. An operational permit is required to conduct a spraying or dipping operation utilizing flammable or combustible liquids or the application of combustible powders regulated by Chapter 15. ....CFC Sec. 105.6.41
- B. Spraying-finishing operations shall be conducted in a spray room, spray booth or limited spraying space approved for such use. ....CFC Sec. 1504.2
- C. Storage of flammable and combustible liquids shall not exceed maximum amounts shown in Table 2703.1.1(1). ....CFC Sec. 3404.3.4
- D. An operational permit is required for the storage, handling or use of more than 5 gallons (19 L) of flammable liquid indoors or 10 gallons (38 L) of flammable liquid outdoors. ....CFC Sec. 105.6.16
- E. An operational permit is required for the storage, handling or use of more than 25 gallons (95 L) of combustible liquid indoors or 60 gallons (227 L) of combustible liquid outdoors. ....CFC Sec.105.6.16
- F. Class I and Class II liquids shall be transferred by one of the methods described in Sections 3405.2 and 3405.3 of the California Fire Code. ....CFC Sec. 3405.2 – 3405.3
- G. Class IA flammable liquids shall not be dispensed by gravity from tanks. ....CFC Sec. 3405.2.4

### VI. MISCELLANEOUS

- A. Fire sprinkler and standpipe systems shall be inspected, tested and maintained in accordance with Chapter 5 of Title 19. ....T19 Sec. 904
- B. An approved fire apparatus access road not less than 20 feet (6.6 m) wide shall be provided for access to within 150 feet (49 m) of all portions of the building. ....CFC Sec. 503.1.1
- C. Fire access roads shall not be obstructed in any manner, including the parking of vehicles. ....CFC Sec. 503.4
- D. Posts, fences, vehicles, trash, storage or other materials shall not be placed or kept near fire hydrants in a manner that would prevent such hydrants from being immediately discernible. ....CFC Sec. 507.5.4
- E. New and existing building shall have approved address numbers or building numbers placed in a position to be plainly legible from the street or road fronting the property. ....CFC Sec. 505.1
- F. Material Safety Data Sheets for all hazardous materials shall be either readily available on the premises as a paper copy, or where approved, shall be permitted to be readily retrievable through electronic access. ....CFC Sec. 407.2

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### MISCELLANEOUS (CONTINUED)

- G. Exterior doors and their function cannot be eliminated without approval. If approved, and door retains the appearance as functional, door shall be posted on the exterior "THIS DOOR BLOCKED". .....CFC Sec. 504.2