

PROVIDE/MOUNT FIRE EXTINGUISHER AS INDICATEDCODE SECTIONS*2010 Yocha Dehe Fire Code*

- Section 906.1** **Where required.** Portable fire extinguishers shall be installed in the following locations.
1. In all new and existing Group A, B, E, F, H, L, M, R-1, R-2, R-2.1, R-3.1, R-4 and S occupancies.
 2. Within 30-feet of commercial cooking equipment. See CFC 906.4
 3. In areas where flammable or combustible liquids are stored, used or dispensed.
 4. On each floor of structures under construction, except Group R-3.
 5. Where required by the sections indicated in Table 906.1.
 6. Special-hazard areas, including but not limited to laboratories, computer rooms and generator rooms, where required by the fire code official.
 7. Large and small family day-care homes shall be equipped with a portable fire extinguisher having a minimum rating of 2A:10BC.
 8. Where required by California Code of Regulations, Title 19, Division 1.

- Section 906.7** **Hangers and brackets.** Hand held portable fire extinguishers, not hosed in cabinets, shall be installed on the hanger or bracket supplied. Hangers or brackets shall be securely anchored to the mounting surface in accordance with the manufacture's installation instructions.

Extinguishers shall be installed on the hangers or in the brackets supplied, or mounted in approved fire extinguisher cabinets unless the extinguishers are of the wheeled type.

- Section 906.9** **Height above floor.** Fire extinguishers having a gross weight not exceeding 40 lbs. shall be installed so that the top of the fire extinguisher is not more than 5 feet above the floor. Fire extinguishers having a gross weight greater than 40 lbs. shall be so installed that the top of the fire extinguisher is not more than 3-1/2 feet above the floor. In no case shall the clearance between the bottom of the fire extinguisher and the floor be less than 4 inches.

EXPLANATION

All businesses in this jurisdiction are required to install and maintain at a minimum one 2A10BC fire extinguisher mounted in an approved manner in an approved location. Commercial kitchens are also required to install and maintain a 40 BC fire extinguisher near the hood/duct exhaust system and a Type K extinguisher if deep fat fryers are present. Additional, larger, or different extinguishing agent fire extinguishers may be required in some occupancy due to special fire hazards. The vast majority of fire extinguishers shall be located so that the top of the extinguisher is between 3-1/2 feet and 5 feet from the floor. No extinguisher can be mounted so that the bottom is closer than 4 inches off the ground.

Fire extinguishers shall be located in conspicuous locations where they will be readily accessible and immediately available for use. These locations shall be along normal paths of travel, unless the fire code official determines that the hazard posed indicates the need for placement away from normal paths of travel.

RATIONALE

Fire extinguishers are designed to extinguish a fire in its earliest and thus smallest phase. In order to do this, the fire extinguisher must be easily obtained. Obstructions to accessing the fire extinguisher could significantly delay its deployment thus allowing the fire to continue to grow causing more fire damage and risk to life. The fire extinguisher shall be located with the top between 3-1/2 and 5 feet off the floor so that the extinguisher can be easily released from its mounting mechanism. The heavier the extinguisher, the closer to the floor it should be installed making it easier to lift. It also should be at least 4 inches off the floor so the fire extinguisher will not be knocked over when cleaning the floor and also to help keep moisture from reaching the extinguisher. All fire extinguishers shall be mounted on an approved hanger to help ensure that it will not become dislodged and fall to the ground. Your fire extinguisher is under high pressure. Falling to the ground could shear the top off the unit causing significant damage and possible injury.

The size and type fire extinguisher is dependent on the amount and type of fire expected at your business. A 2A10BC fire extinguisher is suitable for most businesses without severe fire risks.

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YOCHA DEHE FIRE DEPARTMENT