

FIRE-WARNING SYSTEM

Dwelling units shall be provided with approved smoke detectors. A detector shall be installed in each sleeping room and at a point centrally located in the corridor or area giving access to each separate sleeping area. When the dwelling unit has more than one story and in dwellings with basements, a detector shall be installed on each story and in the basement. In dwelling units where a story or basement is split into two or more levels, the smoke detector shall be installed on the upper level, except that when the lower level contains a sleeping area, a detector shall be installed on each level. When sleeping rooms are on an upper level, the detector shall be placed at the ceiling of the upper level in close proximity to the stairway.

In dwelling units where the ceiling height of a room opens to the hallway serving the bedrooms exceeds that of the hallway by 24 inches (610 mm) or more, smoke detectors shall be installed in the hallway and in the adjacent room.

Detectors shall be installed in accordance with approved manufacturer's instructions. When actuated, the detector shall provide an alarm that is audible within sleeping areas. (Sec. 310.9.1.4)

When the valuation of an addition, alteration or repair exceeds \$1,000 and a permit is required, or when one or more sleeping rooms are added or created in existing dwellings, the entire building shall be provided with smoke detectors located as required for new dwellings. This requirement is not applicable for repairs made to the exterior surfaces of the dwelling (Sec. 310.9.1.2)

In new construction, required smoke detectors shall receive their primary power from the building wiring when such wiring is served from a commercial source and shall be equipped with a battery backup. The detector shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than those required for over current protection. Smoke detectors may be solely battery operated when installed in existing buildings, or in buildings without commercial power, or in buildings which undergo alterations, repairs or additions regulated by the paragraph above. (Sec. 310.9.1.3)

EXIT

DOORS

At least one doorway from dwellings shall be of a size as to permit the installation of a door not less than 3 feet (914 mm) in width and not less than 6 feet 8 inches (2032 mm) in height. The door shall be so mounted that the clear width of the exit way is not less than 32 inches (813 mm). (Sec. 1004.6)

DOOR LANDINGS

There shall be a floor or landing on each side of all doors. The floor or landing shall be level, except for exterior landings which may have a slope not to exceed $\frac{1}{4}$ unit vertical in 12 units horizontal (2% slope), with the floor or landing not more than 1 inch (25 mm) lower than the threshold of the doorway. However, in private dwellings a door may open at the top step of an interior flight of stairs or at a landing, provided the door does not swing over that top step or landing (except that screen doors and storm doors may) and the landing is not more than 8 inches (203 mm) below the floor level. Then landing shall have a width not less than the width of the stairway or the width of the door.