

**II. Installation**

**334.10 Uses Permitted.** Type NM, Type NMC, and Type NMS cables shall be permitted to be used in the following:

- (1) One- and two-family dwellings.
- (2) Multifamily dwellings permitted to be of Types III, IV, and V construction
- (3) Other dwelling unit accessory buildings and structures in accordance with 334.10 (1) and (2).

FPN No. 1: Types of building construction and occupancy classifications are defined in NFPA 220-1999, *Standard on Types of Building Construction*, or the applicable building code, or both.

FPN No. 2: See Annex E for determination of building types [NFPA 220, Table 3-1].

- (4) Cable trays in structures permitted to be Types III, IV, or V where the cables are identified for the use.

FPN: See 310.10 for temperature limitation of conductors.

**(A) Type NM.** Type NM cable shall be permitted as follows:

- (1) For both exposed and concealed work in normally dry locations.
- (2) To be installed or fished in air voids in masonry block or tile walls

**(B) Type NMC.** Type NMC cable shall be permitted as follows:

- (1) For both exposed and concealed work in dry, moist, damp, or corrosive locations.
- (2) In outside and inside walls of masonry block or tile
- (3) In a shallow chase in masonry, concrete, or adobe protected against nails or screws by a steel plate at least 1.59 mm (1/16 in.) thick and covered with plaster, adobe, or similar finish

**(C) Type NMS.** Type NMS cable shall be permitted as follows:

- (1) For both exposed and concealed work in normally dry locations
- (2) To be installed or fished in air voids in masonry block or tile walls

**334.12 Uses Not Permitted.**

**(A) Types NM, NMC, and NMS.** Types NM, NMC, and NMS cables shall not be used as follows:

- (1) In any dwelling or structure not specifically permitted in 334.10(1), (2), and (3)
- (2) As service-entrance cable
- (3) In hoistways or on elevators or escalators
- (4) Embedded in poured cement, concrete, or aggregate

**(B) Types NM and NMS.** Types NM and NMS cables shall not be used under the following conditions or in the following locations:

- (1) Where exposed to corrosive fumes or vapors
- (2) Where embedded in masonry, concrete, adobe, fill, or plaster.
- (3) In a shallow chase in masonry, concrete, or adobe and covered with plaster, adobe, or similar finish.
- (4) Where exposed or subject to excessive moisture or dampness