

(a) Electrical equipment. The term "electrical equipment" shall include electrical conductors, wiring, fittings, devices, appliances, fixtures and apparatus.

(b) Installation. The term "installation" shall include installation of any electrical circuit or electrical equipment or part thereof and shall include alterations, renewals or extensions of the same.

(c) Reasonably safe to persons and property. The phrase "reasonably safe to persons and property" as applied to electrical installations and electrical equipment shall mean safe to use in the service for which the installation or equipment is intended without unnecessary hazard to life, limb or property.

83-55. Section 210-19 Amended.

Section 210-19 of the 1968 National Electrical Code adopted by this Chapter is hereby amended to read as follows:

210-19. Conductors. Circuit conductors shall conform to the following:

(a) Ampacity. Shall have an ampacity of not less than the rating of the branch circuit and not less than the maximum load to be served.

(b) Minimum size. Shall not be smaller than No. 8 for ranges of 8-3/4 kw or more rating, nor smaller than No. 14 for other loads.

(c) Exceptions:

Exception No. 1. Range Loads. See Note 5 of Table 220-5. Where the maximum demand of a range of 8-3/4 kw or more rating is computed according to Column A of Table 220-5, the neutral conductor of a three-wire branch circuit supplying a household electric range, a wall-mounted oven or a counter-mounted cooking unit may be smaller than the ungrounded conductors but shall have an ampacity at least 70 per cent of the ampacity of the ungrounded conductors and shall not be smaller than No. 10.

Cable assemblies with the neutral conductor smaller than the ungrounded conductors shall be so marked.

Exception No. 2. Tap Conductors. Tap conductors may be of less capacity than the branch circuit rating provided no tap conductor is of less capacity than the load to be served and provided the rating is not less than 20 amperes for 40 or 50 ampere circuits or 15 amperes for circuits rated less than 40 amperes and only when these tap conductors supply either:

(a) Individual lampholders or fixtures with taps extending not longer than 18 inches beyond any portion of the lampholder or fixture, except as required in Section 410-65 (b-2) ; or,