

- (b) Individual outlets with taps not over 18 inches long; or,
- (c) Infra-red lamp industrial heating appliances; and
- (d) Non-heating leads of snow and ice melting cables and mats.

Exception No. 3. Fixture Wires and Cords. Fixture wires and cords may be of smaller size, but not less than the size specified in Exception No. 3 of Section 240-5(a).

See Tables 400-9(b) and 402-4.

Exception No. 4. Outlet Devices. Outlet devices may have less carrying capacity than the branch circuit rating, but not less than the types and ratings specified in Section 210-21 (a-c).

Exception No. 5. Wall-mounted ovens and counter-mounted cooking units. Each wall-mounted oven and each counter-mounted cooking unit shall be served by an individual circuit of not less than No. 10 wire. The branch circuit wiring for these units shall be based on one hundred per cent of the name-plate rating of the unit.

83-56. Section 220-3 of the 1968 National Electrical Code adopted by this Chapter is hereby amended to read as follows:

220-3. Branch circuits required. Branch circuits shall be installed as follows:

(a) Lighting and appliance circuits. For lighting, and for appliances, including motor-operated appliances, not specifically provided for in Section 220-3(b), branch circuits shall be provided for a computed load not less than that determined by Section 220-2.

The number of circuits shall be not less than that determined from the total computed load and the capacity of circuits to be used. In every case the number shall be sufficient for the actual load to be served, and the branch circuit loads shall not exceed the maximum loads specified in Section 210-23.

Where the load is computed on a "watts per square foot" basis, the total load, insofar as practical, shall be evenly proportioned among the branch circuits according to their capacity.

General lighting branch circuits in dwellings, as well as other occupancies, shall supply not more than twelve outlets.

When lighting units to be installed operate at other than 100 per cent power factor, see Section 210-23(b) for maximum ampere load permitted on branch circuits.

For general illumination in dwelling occupancies, it is recommended that not less than one branch circuit be installed for each 500 square feet of floor area in addition to the receptacle circuits called for in Section 220-3(b).