

Branch Circuit, Individual. A branch circuit that supplies only one utilization equipment. An individual branch circuit is a circuit that supplies only one piece of utilization equipment (e.g., one range, one space heater, one motor). See 210.23 regarding permissible loads for branch circuits.

An individual branch circuit supplies only one single receptacle for the connection of a single attachment plug. The single receptacle is required to have an ampere rating not less than that of the branch circuit, as stated in 210.21(B)(1).

Exhibit 100.7 illustrates an individual branch circuit with a single receptacle intended for the connection of one piece of utilization equipment. A branch circuit that supplies one duplex receptacle that supplies two cord-and-plug-connected appliances or similar equipment is not an individual branch circuit.

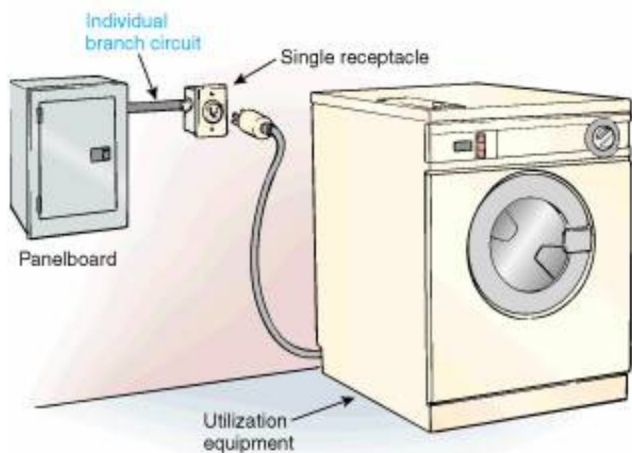


Exhibit 100.7 An individual branch circuit, which supplies only one utilization equipment via a single receptacle.

Branch Circuit, Multiwire. A branch circuit that consists of two or more ungrounded conductors that have a voltage between them, and a grounded conductor that has equal voltage between it and each ungrounded conductor of the circuit and that is connected to the neutral or grounded conductor of the system.

See 210.4, 240.15(B)(1), and 300.13(B) for specific information about multiwire branch Circuits.

Building. A structure that stands alone or that is cut off from adjoining structures by fire walls with all openings therein protected by approved fire doors.

A building is generally considered to be a roofed or walled structure that may be used or intended for supporting or sheltering any use or occupancy. However, it may also be a separate structure such as a pole, billboard sign, or water tower.

Definitions of the terms fire walls and fire doors are the responsibility of building codes.

Generically, a fire wall may be defined as a wall that separates buildings or subdivides a building to prevent the spread of fire and that has a fire resistance rating and structural stability. Fire doors (and fire windows) are used to protect openings in walls, floors, and ceilings against the spread of fire and smoke within, into, or out of buildings.