



GFCI -Ground-Fault Circuit-Interrupter Protection - Dwelling Units

- **Section 210.8(A)(7) Dwelling Unit Sinks**
All 125 volt, 15 and 20 amp receptacles installed within 6' of the outside edge of any sink requires GFCI protection.
- **Section 210.8(A)(9) Bathtubs or Shower Stalls**
(9) Bathtubs or Shower Stalls - where receptacles are installed within 1.8 m (6 ft) of the inside edge of the bathtub or shower stall.
- **Section 210.8(A)(10) Laundry Areas**
(10) Laundry Areas now required to have GFCI protection for 125-volt, single phase, 15- and 20-ampere receptacles.
- **210.8(D) Kitchen Dishwasher Branch Circuit**
GFCI protection shall be provided for outlets that supply dishwashers.

AFCI- Arc Fault Circuit Interrupter Protection- Dwelling Units

- **210.12 AFCI Protection**
AFCI protective devices are required to be installed in a readily accessible location.
- **Section 210.12(A) Kitchen and Laundry**
Laundry areas and kitchen branch circuits and outlets are added to the list of AFCI protection requirements.
- **Section 210.12(A)(4) AFCI Protection**
Revision recognizes use of circuit breakers or outlet devices at the first outlet in the circuit. Specific conditions must be met to apply for outlet AFCI devices

Section 210.52(G)(1) Dwelling Unit Garages

Branch circuit supplying receptacles in garage shall not supply outlet outside of garage. Also at least one outlet required per car in the garage.

Section 250.102(C) – New Table

New table provides minimum sizes for other than grounding electrode conductors bonding jumpers for the grounding electrode system. Table provides minimum sizing of line-side bonding jumpers, grounded conductors, main bonding jumpers, system bonding jumpers.

310.15(B)(3)(c) and Table 310.15(B)(3)(c)

Where conductors or cables installed in raceways or cables are exposed to direct sunlight on or above rooftops, the adjustments shown in Table 310.15(B)(3)(c) apply. This adds the outdoor temperature to determine the applicable ambient temperature of the correction factors.

Section 404.2(C) Switches – Lighting Loads

As revised this section now relaxes the requirement where multiple switches controlling the same lighting load are installed in in the same area. The grounded circuit conductor must be installed to only one of those switch box locations by the new exception. Door jam switches in closets are exempted.

406.9(B)(1) Receptacle Outlet Hood Covers. (Hood would be an outdoor type cover)

The words “other than one- and two-family dwellings” have been removed from this section.

Listed and identified “extra duty” receptacle covers (hoods) are required for all 15- and 20-ampere, 125- and 250-volt receptacles installed in a wet location.