

Ground-Fault Circuit-Interrupters

To protect against electric shocks, Article 210.8 of NEC requires that personnel ground-fault protection be provided for all 125-volt, 15 and 20-ampere receptacle outlets in dwellings as follows:

1. Bathrooms (An area including a basin with one or more of the following: A toilet, a tub or a shower.
2. Outdoors
3. In kitchen, for all receptacles that serve the countertop surfaces. This includes receptacles installed on islands and peninsulas.
4. Any receptacle within 6 feet of a laundry, utility, or wet bar sink.
5. In attached or detached garages
6. In other buildings (sheds, workshops, or storage)
7. In crawl spaces that are at or below grade.
8. In unfinished basements.
9. For swimming pools
10. For the branch-circuit supplying heated floors in bathrooms and hydro-massage bathtub, spa and hot tub locations.