

Ground-Fault Circuit Interrupter (GFCI) Where are they mandatory?

CONSTRUCTION SITE:

Mandatory:

- All receptacles used at a construction sites that are installed on temporary wiring system

DWELLING UNITS (RESIDENTIAL):

Mandatory:

- Pool luminaries, lighting outlets, circulation and sanitation system
- Pump motors
- Within 20 feet of a pool (storable or not) or a fountain
- Outdoor
- Within 6 feet of any unit sinks
- Within 6 feet of any tub or shower stall
- Bathroom
- Dishwasher
- Laundry areas (not restricted to laundry room since it is common to find the appliances in hall closets or master bedroom)
- Crawl spaces and “unfinished” basements (**installation of at least one receptacle in a basement mandatory**)
- Garage (receptacles that are not accessible or are used for appliances in a dedicated space such as on the ceiling for a garage door opener **included**)
- Grade-level portions of unfinished or finished accessory buildings used for storage or work areas
- Boathouses
- For sensitive electronic equipment
- Within the datum plane of bodies of water

Old exceptions:

- **NO EXCEPTION** ANYMORE FOR garage receptacles that are not accessible or are used for appliances in a dedicated space (such as on the ceiling for a garage door opener)
- **NO EXCEPTION** ANYMORE FOR crawl spaces and “unfinished” basements

COMMERCIAL:

Mandatory:

- Rooftop
- Outdoor
- Bathrooms
- Garage
- Kitchen
- Laundry areas
- Any receptacle within 6 feet of any unit sinks
- Within 25ft of heating, air conditioning or refrigeration equipment
- Pump motors, whether they were direct connected or cord-connected
- Receptacles for sensitive electronic equipment
- Vending machines GFCI have to be connected to a GFCI protected outlet
- Receptacles within the datum plane of bodies of water
- Locker rooms with shower facilities

Exceptions:

- Industrial laboratories and patient care areas