



**Kitchen Remodel  
Permit Requirements**

Planning Building & Transportation  
 2263 Santa Clara Ave., Rm. 190  
 Alameda, CA 94501  
 510.747.6800  
 Hours: 7:30-3:30, Mon-Thur

	Permit Required <b>No</b>	Permit Required <b>Yes</b>
Replacing appliances in existing locations	X	
Replacing sink and/or valves in existing location	X	
Replacing dishwasher in existing location	X	
Replacing disposer in existing location	X	
Replacing cabinets in existing location	X	
Replacing hood in existing location	X	
Replacing countertops in existing location	X	
Revised kitchen, cabinet, countertop layout		X
Opening interior/exterior walls		X
Modification of electrical circuit		X
Addition of electrical circuit		X
Appliance in new location		X
Sink in new location		X
Dishwasher in new location		X
Disposer in new location		X
Hood in new location		X

# Electrical Requirements for Kitchens

California Electrical Code (CEC) Articles 210.8, 210.11, 210.12, 210.52, 406.12

Do not cover any portion of the installation until inspected and instructed: “Okay to cover”.

## GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL CEC 210.8

**Dwelling Units.** All 125 volt, single-phase, 15 & 20 amp receptacles installed in locations specified in 210.8 shall have GFCI protection for personnel.

**Kitchen:** where receptacles are installed to service countertop surfaces.

**Sinks:** where receptacles are installed within 6’ of the outside edge of a sink.

**Dishwashers & Disposers:** shall be GFCI protected.

## BRANCH CIRCUITS REQUIRED CEC 210.11

**Small-Appliance Branch Circuits:** In addition to the number of branch circuits required by other parts of this section, 2 or more 20 amp small-appliance branch circuits shall be provided for all receptacle outlets specified by CEC 210.52, serving the kitchen, pantry, breakfast room, dining room, refrigeration equipment, all countertop outlets, or similar areas of a dwelling unit, and shall have no other outlets.

Additional small-appliance branch circuits shall be permitted to supply receptacle outlets in the kitchen and other rooms (pantry, breakfast room, or similar area). No small-appliance branch circuit shall service more than 1 kitchen.

Cord and plug hood requires a dedicated electrical circuit.

**Exception 1:** A receptacle installed to supply an electric clock.

**Exception 2:** A receptacle installed to provide power for supplemental equipment and lighting on gas-fired ranges, ovens, or counter-mounted cooking units.

## ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION CEC 210.12

All new or modified 125 volt, single-phase, 15 & 20 ampere branch circuits that supply outlets, lighting, or devices installed in dwelling unit kitchens shall be protected by any of the means described in 210.12.

## TAMPER RESISTANT RECEPTACLES CEC 406.12

All 125 volt, single-phase, 15 and 20 ampere receptacles shall be listed tamper-resistant.

## COUNTERTOPS CEC 210.52

In kitchens, pantries, breakfast rooms, dining rooms, and similar areas, receptacle outlets for countertop spaces shall be installed in accordance with the following:

1. **Wall Counter Spaces.** A receptacle shall be installed at each wall countertop space that is  $\geq 12''$ . Receptacle outlets shall be installed so that no point along the wall line is  $> 24''$  measured horizontally from a receptacle outlet in that space.
2. **Island Countertop Spaces:** At least 1 receptacle shall be installed at each island countertop space with a long dimension of  $\geq 24''$  and a short dimension of  $12''$  or greater.
3. **Separate Space.** Countertop spaces separated by ranges, refrigerators, or sinks shall be considered as separate countertop spaces in applying the requirements of 210.52. If a range, counter-mounted cooking unit, or sink is installed in the countertop and the depth of the countertop behind the range, counter-mounted cooking unit, or sink is  $< 12''$ , the range, counter-mounted cooking unit, or sink shall be considered to divide the countertop space into two separate countertop spaces. Each separate countertop space shall comply with 210.52.
4. **Receptacle Outlet Location.** Receptacle outlets shall be located on or above, but not  $> 20''$  above the countertop.

Exception: Receptacles shall be permitted to be mounted not  $> 12''$  below the countertop and shall not be located where the countertop extends  $> 6''$  beyond its support base.

## LIGHTING & INDOOR AIR QUALITY NOTES

1. All lighting shall be high efficacy, AFCI protected and dimmable or on a vacancy sensor.
2. Under-cabinet lighting must be switched separately from other lighting systems.
3. Kitchen hoods shall provide minimum 100 CFM and shall be vented to outdoors. The vent termination must be  $\geq 3'$  from a building opening, intake or property line.

# KITCHEN ELECTRICAL DIAGRAM

