

House Code Questions

1. How many receptacles are allowed on branch circuit?
2. What is the maximum number of receptacles on a kitchen counter circuit?
3. What type of receptacle is required within 1.5 m of a sink?
4. Are tamper-resistance receptacles required in a house?
5. What receptacles in a house don't need AFCI protection.
6. What is the maximum distance receptacles can be apart in a room?
7. What is the minimum distance on wall that needs a receptacle?
8. How far apart can receptacles be on kitchen counter?
9. What receptacle can be shared with a refrigerator?
10. How many receptacles must be installed for use of appliances outdoors?
11. Does a utility room need its own branch circuit?
12. What is the height that a free standing range receptacle must be installed at?
13. How many circuits are required for a garage?
14. Does a central vacuum need its own circuit?
15. What size breaker is required for an electric range?

16. A house with main floor 1862 sq. ft, 2nd floor 789 sq. Ft, and full basement 1862 sq. ft. The house has a gas furnace, 16 kW range, electric car 30A/240V, 2 – 4.5 kW hot water tanks, 7.2 kW AC, 5 kW dryer and 1.2 kW/240V pump. Using all code rules calculate the minimum breaker, RW90 XPLE cable and size of EMT to panel.