

Minimum Copper Conductors
for dwelling units service entrance
conductors:

100 amp service _____ #4
125 amp service _____ #2
150 amp service _____ #1
200 amp service _____ #2/0

Minimum Copper Grounding
electrode conductor for dwelling
units services:

100 amp service _____ #8
125 amp service _____ #6
150 amp service _____ #6
200 amp service _____ #4

Minimum Copper Grounding
conductor for branch circuits:

15 A Gen. Lighting _____ #14
20 A Gen. Lighting _____ #14
20 A Small Appliance _____ #12
30 A Clothes Dryer _____ #10
40 A Kitchen Range _____ #10
60 A Air Conditioner _____ #10

Minimum Copper Conductors:
NM

15 A Gen. Lighting _____ #14
20 A Gen. Lighting _____ #12
20 A Small App. "BC" _____ #12
20 A Laundry "BC" _____ #12
30 A Clothes Dryer _____ #10
40A Appliance "BC" _____ #8
50 A Air Conditioner "BC" #6

PG&E Side Only Service
Entrance: Aluminum

100 amp service _____ #2
125 amp service _____ #1
150 amp service _____ #1/0
200 amp service _____ #4/0

Maximum Capacity Copper
Rating:

20 A _____ #14 Copper
25 A _____ #12 Copper
30 A _____ #10 Copper
40 A _____ #8 Copper
55 A _____ #6 Copper
100 A _____ #4 Residential S.E.
150 A _____ #1 Residential S.E.
200 A _____ #2/0 Residential S.E.

Minimum Branch Circuit
Rating:

Small App & Laundry Room _____ #20A
Gen. Lighting B Circuit _____ #15 A
240 V clothes dryer _____ #30A
Branch C in Dining Room _____ #20A
Branch C in Living Room _____ #15A
Branch C in Various Rooms _____ #15A
Branch C in Office Bldg. _____ #15A
Branch C in Show Window _____ #15A
Single receptacle (240A, 7200 V
residential clothes dryer) _____ #40A