

CORPORATION OF THE DISTRICT OF BURNABY

By-law No. 1126

A BY-LAW to amend "Burnaby Electrical Inspection By-law 1928".

THE MUNICIPAL COUNCIL of the Corporation of the District of Burnaby ENACTS as follows:-

1. Paragraph (1) of Section 36, of "Burnaby Electrical Inspection By-law 1928" being By-law No. 761 of the Corporation of the District of Burnaby, is hereby repealed and the following substituted therefor:

"(1) The required sizes of service conductors shall be determined in accordance with the following table; but no service conductor shall have a carrying capacity less than No.10 B. and S. Gauge."

2. Sub-paragraph (a) of Paragraph (2) of Section 36 of the "Burnaby Electrical Inspection By-law 1928" is hereby repealed and the following substituted therefor:

"(2) (a) For residences and apartments, the size of the service conductors and mains shall be as follows:

1 to 3 circuits	No. 10. B & S.
4 circuits	No. 8. B & S.

Over four circuits, the following demand factor may be used:

5 to 10 circuits	85%
11 to 20 circuits	80%
21 to 30 circuits	75%
above 30 circuits	70%

3. Paragraph (4) of Section 36 of the "Burnaby Electrical Inspection By-law 1928" is hereby repealed and the following substituted therefor:

(4) In determining the sizes of the service conductors and branch feeders for domestic range loads and when not more than two ranges are installed and when used in combination with 1000-watt branch circuits, the wiring capacity of the service conductors shall permit the installation of ranges not smaller than 8 K.W. The size of the service conductor and branch feeder shall be not less than as shown in the following table:

TABLE "A"

8 K.W.	1 K.W.		Size of mains	Size of Switch Amps	Lead Amps.
Range and Heater only			8	60	68
"	"	and 2 circuits	6	60	84
"	"	3 "	6	60	92
"	"	4 "	6	60	100
"	"	5 "	4	60	108
"	"	6 "	4	60	116
"	"	7 "	4	100	124
"	"	8 "	4	100	132
"	"	9 "	4	100	140
"	"	10 "	2	100	148
"	"	11 "	2	100	156
"	"	12 "	2	100	164
"	"	13 "	2	100	172
"	"	14 "	2	100	180
"	"	15 "	1	100	188
"	"	16 "	1	100	196
"	"	17 "	1	100	204
"	"	18 "	1	100	212
"	"	19 "	0	200	220
"	"	20 "	0	200	228

TABLE "B"

Duplex residences

Each residence					
8 K.W.	1 K.W.		Size of Mains	Size of switch amps	Lead Amps
Range and Water Heater	and 2 circuits		2	100	168
"	"	3 "	2	100	184
"	"	4 "	1	100	200
"	"	5 "	0	200	216
"	"	6 "	0	200	232
"	"	7 "	0	200	248
"	"	8 "	00	200	264
"	"	9 "	00	200	280
"	"	10 "	00	200	296

TABLE "C"

When Electric Fireplaces are added to the above installations demand factors may be used as follows:

up to and including 2 Electric Fire places	100%
over 2 and including 4	85%
over 4 and including 6	75%
over 6 Electric fire places	60%

To determine the size of mains and main switch where fire places are added to the range and lighting load, add the load as calculated in Table "C" to the combined Lighting and Range Load as calculated in Tables "A" or "B".

In case no corresponding figure exists in the last column of Table "A" or "B", the next largest figure is to be used."

4. Paragraph (4) of Section 38. of the "Burnaby Electrical Inspection By-law 1928" is hereby repealed and following substituted therefor:

"(4) Appliance or convenience outlets installed in residences

or apartment houses shall be calculated as follows:-

Kitchens	single fitting outlet	660 watts per outlet
"	duplex " "	1320 " "
Breakfast nooks	single " "	660 " "
" "	duplex " "	1320 " "
Basements	single " "	660 ^b " "
"	duplex " "	1320 " "
Dining rooms or dinettes	single " "	300 " "
" "	duplex " "	660 " "
Living rooms	single " "	300 " "
" "	duplex " "	660 " "

Appliance or convenience outlets may be attached to branch lighting circuits; provided that the total load on a branch circuit shall not exceed One thousand (1000) watts, and the total number of outlets shall not exceed ten (10) on any branch lighting circuit.

5. This By-law may be cited as "Burnaby Electrical Inspection By-law 1928 Amendment By-law 1930."

DONE AND PASSED in Open Council this Fourteenth (14th) day of July, A.D. 1930.

RECONSIDERED and FINALLY PASSED this Twenty eighth (28th) day of July, A.D. 1930.



W. A. Pittard
Reeve.

Arthur G. Moore
Clerk.

I, Arthur G. Moore, Clerk to the Municipal Council of the Corporation of the District of Burnaby do hereby certify the foregoing to be a true copy of a by-law passed by the Municipal Council on the 28th day of July A.D. 1930.

Arthur G. Moore
Clerk.