



City of El Cajon
Building & Fire Safety Division
 200 Civic Center Way
 El Cajon, CA 92020
 Phone: (619) 441-1726

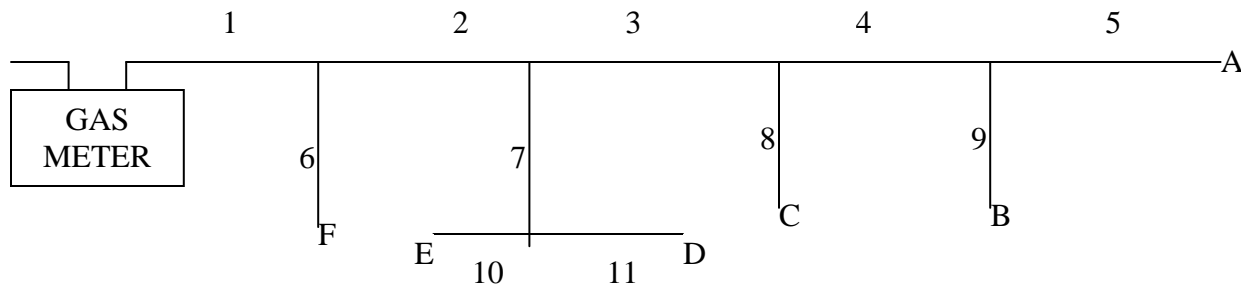
Flex Gas Pipe Installation Form

Please Provide the Following Information.

PERMIT INFORMATION:

Address _____ Permit # _____

Installers Name _____ Certificate # _____
Brief Description of Project: _____ _____



PIPE SECTION	DISTANCE TO MOST REMOTE OUTLET	TOTAL CU. FT.	SIZE OF PIPE
1	_____	_____	_____
2	_____	_____	_____
3	_____	_____	_____
4	_____	_____	_____
5	_____	_____	_____
6	_____	_____	_____
7	_____	_____	_____
8	_____	_____	_____
9	_____	_____	_____
10	_____	_____	_____
11	_____	_____	_____
OTHER	_____	_____	_____

Fill in the sections of pipe that applies. Add a separate piece of paper if more space is needed.

Step 1 Choose the section of pipe you want to size and write down the distance from the meter to the most remote outlet that section of pipe will supply.

Step 2 Add the total cu. ft. of gas from all appliances supplied by that section.

Step 3 Look at the table to determine the size of pipe needed.

The following table is an **example**, check the applicable sizing tables and drop pressure charts of the manufactures installation guide or the California Plumbing Code for further information regarding flex (CSST) gas pipe sizing.

**NATURAL GAS PRESSURE: ¼ psi or 4 ounces, 7-8”WC
TUBING LENGTH (FEET)**

PIPE SIZE	5	10	15	20	25	30	40	50	60	80	100	150	200	300
3/8”	63	44	36	31	27	25	21	19	17	15	13	10	9	7
1/2	134	95	77	67	60	55	47	42	38	33	30	23	21	17
3/4	270	192	157	147	137	122	112	97	87	69	62	51	44	36
1	471	330	268	231	206	188	162	144	131	113	101	82	71	57
1-1/4	1091	781	642	559	502	460	400	360	329	287	257	212	184	151
1-1/2	2073	1473	1206	1046	937	857	743	666	609	528	473	387	336	275
2	3993	2880	2379	2077	1870	1716	1498	1348	1237	1080	972	803	701	579