

Annex G

Chimney Data

Chimney Data for Tuen Mun Area 54 (Ref.: C1707186382)CONSULT

	CHIM_GX				CHIM_GY				EIGHTAG				TOPDIA				EMP_EXIT				EMP_EXIT				Light Gas Oil				Towinggas										
	CHIM_GX	CHIM_GY	EIGHTAG	TOPDIA	CHIM_GX	CHIM_GY	EIGHTAG	TOPDIA	CHIM_GX	CHIM_GY	EIGHTAG	TOPDIA	CHIM_GX	CHIM_GY	EIGHTAG	TOPDIA	CHIM_GX	CHIM_GY	EIGHTAG	TOPDIA	CHIM_GX	CHIM_GY	EIGHTAG	TOPDIA	CHIM_GX	CHIM_GY	EIGHTAG	TOPDIA	CHIM_GX	CHIM_GY	EIGHTAG	TOPDIA	CHIM_GX	CHIM_GY	EIGHTAG	TOPDIA	CHIM_GX	CHIM_GY	EIGHTAG
1	815618	829756	55.5	543	170	443	818.0	9.112	0.05453	1.93139	0.16360	0.13633	8936.0	350.398432	3.903	0.00487	0.00058	0.04964	0.01947																				
2	815619	829758	55.5	543	170	443	818.0	9.112	0.05453	1.93139	0.16360	0.13633	8936.0	350.398432	3.903	0.00487	0.00058	0.04964	0.01947																				
3	815620	829760	55.5	543	170	443	818.0	9.112	0.05453	1.93139	0.16360	0.13633	8936.0	350.398432	3.903	0.00487	0.00058	0.04964	0.01947																				
4	815800	830370	33.8	332	170	443	134.0	1.493	0.00893	0.31639	0.02233																												
5	815956	830956	13.4	373	170	443	134.0	1.493	0.00893	0.31639	0.02233																												
8	816000	830930	24.1	630	174	447	743.0	8.276	0.04953	1.75431	0.14860	0.12383																											
9	816000	830930	28.9	660	170	443	461.0	5.135	0.03073	1.08847	0.09220	0.07683																											

Density of Nature Gas=	673 kg/m ³	From AP42
Sulphur Content=	0.5%	
Emission Factors		
Light Industrial Diesel	PM 0.240	SO ₂ (XS) 17.000
Boiler Diesel Oil	PM 1.200	SO ₂ (XS) 19.000
Kerosene	PM 0.300	SO ₂ (XS) 17.000
Towingas (propane)	PM 0.050	SO ₂ (XS) 0.012
Calculation		
1 KJ = 1/4,1868 kcal		
1 MJ = 238.85 kcal		
1 MJ/hr = 238.85 kcal/hr		
1 MJ/hr = (238.8 kcal/hr) * (1 litre/6090 kcal)		
1 MJ/hr = 0.039212 litre/hr		
For Kerosene		
36.7MJ/litre		
Residential/airfurnance: <0.5x109J/hr		

Notes :	1) 'NA' denotes data not available
	2) LASTDATE only affects data in fields marked with #
	'xxxx' denotes fuel using equipment will be used for irregular adhoc purpose
	* Premises padlocked on date of last update
	Gross calorific value (MJ/litre) - For Light Fuel Oil (multiply 40.1)
	1MJ/litre = 40.1*litre/hr
	40.1MJ/hr
	0.011138888 MW
	2.2MW = 6.0 m/s
	9.0MW = 7.5 m/s
	20 MW = 8.15 m/s
	50 MW = 9.94 m/s
	100MW = 12.92 m/s
	135MW = 15 m/s