

Table 2: Summary of Indoor Pollutant Levels Recorded from the Public Places During the Summer Survey

Pollutant	IAQ-O (1 hr)	Unit	Restaurant			Cinema			Shopping Mall		
			High	Low	Mean	High	Low	Mean	High	Low	Mean
CO	30,000	µg/m ³	6739.34	905.34	3344.87	3487.93	938.61	1695.87	3180.70	766.56	1659.50
CO ₂	1,000 ^a	ppm	1921.71	754.41	1271.63	2369.00	546.26	1362.12	1371.00	716.06	1002.60
HCHO	100 ^b	µg/m ³	975.18	20.86	161.73	463.95	20.86	139.36	57.15	23.98	38.84
NO ₂	200	µg/m ³	279.42	29.78	133.16	134.11	22.87	66.10	98.29	38.03	63.64
O ₃	240	µg/m ³	367.25	27.48	54.36	27.48	27.48	27.48	93.32	27.48	38.46
RSP	180 ^a	µg/m ³	1070.06	53.14	323.0	64.74	43.16	54.97	110.66	38.40	77.89
Nicotine	6.8 ^a	µg/m ³	56.23	0.95	7.40	0.95	0.95	0.95	3.18	0.95	1.95
Benzene	16.1	µg/m ³	31.9	0.32	12.23	2.87	0.32	1.85	10.21	2.08	5.78
Carbon Tetrachloride	103	µg/m ³	1.26	0.63	0.69	2.52	0.63	1.26	0.79	0.63	0.65
Chloroform	163	µg/m ³	10.74	0.21	1.86	1.24	0.21	0.66	0.83	0.21	0.47
o-Dichlorobenzene	1,830	µg/m ³	6.61	0.60	1.26	6.61	0.60	2.04	5.56	0.60	1.69
m-Dichlorobenzene	1,830	µg/m ³	3.61	0.60	0.87	6.01	0.60	1.80	3.31	0.60	1.54
p-Dichlorobenzene	1,100	µg/m ³	37.88	1.80	11.60	42.09	1.80	12.14	36.98	1.65	13.88
Ethylbenzene	10,000	µg/m ³	29.05	0.43	7.74	11.27	1.30	3.81	20.48	1.19	8.29
Tetrachloroethylene	250	µg/m ³	31.23	0.68	5.60	5.43	0.68	1.63	7.47	0.68	1.89
Toluene	1,092	µg/m ³	451.53	4.14	104.08	8.65	6.02	7.60	232.35	9.79	85.88
Trichloroethylene	770	µg/m ³	3.23	0.54	1.02	1.08	0.54	0.65	13.85	0.54	2.74
o-xylene	4,850	µg/m ³	41.62	0.43	8.63	25.58	0.43	6.42	16.69	1.63	7.55
m,p-xylene	4,850	µg/m ³	82.37	2.6	22.85	69.37	1.73	17.86	54.09	3.25	18.75
Bacteria	1,000 ^a	cfu/m ³	2275.00	125.00	1002.78	856.00	69.00	430.00	4891.00	465.33	2140.06
Fungi	500 ^a	cfu/m ³	200.00	6.00	77.11	44.00	6.00	26.20	1161.00	77.00	376.54

Note :

- ^a 8 hours IAQ Objective
- ^b 30-minute average