

Oxyvital Limited
 Report of Average IAQ Improvement / Reduction in Indoor Air Pollutants in Buildings in Hong Kong SAR

Client/Laboratory	Pollutants (WHO and HKSAR Government Standard Excellent Class / Good Class)																	
	CO2		CO		RSP		NO2		O3		HCHO		TVOC		Rn		Bacteria	
	(<800/<1,000 ppm)		(<1.7/<8.7ppm)		(<20/<180 ug/m3)		(<40/<150ug/m3)		(<50/<120 ug/m3)		(<30/<100 ug/m3)		(<200/<600 ug/m3)		(<150/<200 Bq/m3)		(<500/<1,000 cfu/m3)	
	Before	After	Before	After	Before	After	Before	After	Before	After	Before	After	Before	After	Before	After	Before	After
A / Carrier	862	825	e.l.	e.l.	62	74	123	41	e.l.	e.l.	52	<5	902	519	e.l.	e.l.	587	232
B1 / Lam	1032	950	e.l.	e.l.	78	11	e.l.	e.l.	e.l.	e.l.	160	130	1055	602	e.l.	e.l.	1094	963
B2 / Lam	781	639	e.l.	e.l.	26	11	e.l.	e.l.	e.l.	e.l.	220	120	846	361	358	115	714	530
B3 / Lam	756	577	e.l.	e.l.	78	12	e.l.	e.l.	e.l.	e.l.	280	95	1117	316	107	33.3	1270	942
C1 / Acron	811	760	e.l.	e.l.	12	1	15	11	39	0	170	7	534	353	e.l.	e.l.	786	147
C2 / Acron	899	743	e.l.	e.l.	15	2	14	9	39	0	202	5	451	344	e.l.	e.l.	576	245
C3 / Acron	926	836	e.l.	e.l.	18	0	13	9	39	0	97	6	479	361	e.l.	e.l.	560	339
C4 / Acron	730	739	e.l.	e.l.	11	2	15	9	54	0	111	8	350	(b) 333	e.l.	e.l.	774	276
C5 / Acron	873	781	e.l.	e.l.	11	1	16	8	49	0	125	5	392	(b) 342	e.l.	e.l.	1326	164
C6 / Acron	813	779	e.l.	e.l.	11	3	15	8	69	0	112	4	352	(b) 331	e.l.	e.l.	1092	263
D / Lam	940	830	e.l.	e.l.	35	65	e.l.	e.l.	39	20	e.l.	e.l.	156	156	e.l.	e.l.	738	397
E / Acron	1008	715	5.72	1.14	582	13	12	8	19	20	912	323	4000	436	n.a.	n.a.	471	108
F1 / LAM	1332	1168	n.a.	n.a.	n.a.	n.a.	e.l.	e.l.	e.l.	e.l.	67	(c) 70	2373	324	159	122	550	338
F2 / LAM	1220	970	n.a.	n.a.	n.a.	n.a.	e.l.	e.l.	e.l.	e.l.	56	<5	2405	304	148	111	566	465
G1 / LAM	1141	945	2.8	1.4	55	13	e.l.	e.l.	20	31	85	(a) 86	1792	(a) 675	n.a.	n.a.	415	361
G2 / LAM	1157	1108	2.8	1.3	49	25	e.l.	e.l.	20	33	84	(a) 100	1310	(a) 754	n.a.	n.a.	e.l.	e.l.
H / Lam	1353	585	n.a.	n.a.	90	54	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	414	(2) 305	337	121	n.a.	n.a.
Average	978.47	820.59	3.77	1.28	75.53	19.13	27.88	12.88	38.70	10.40	182.20	64.60	1113.41	400.94	221.80	100.46	767.93	384.67
Average reduction in pollutant	30% of above ambient		66%		75%		54%		73%		65%		64%		55%		50%	

Notes:
 n.a. - test not carried out or not applicable
 e.l. - very low, 'Excellent' Class - below accurate instrument / assessment levels
 (a) In house, printing equipment
 (b) Very high outdoor levels of TVOCs
 (c) Very recent office fit out