

Annex III

Number of exceedances in short-term monitoring data as recorded at the Tung Chung Air Quality Monitoring Station when compared with the current AQOs between 2010 and 2014

Pollutants	Averaging Time	Concentration Limit ($\mu\text{g}/\text{m}^3$)	Number of Exceedances Allowed	2010	2011	2012	2013	2014*
Respirable Suspended Particulates (PM10)	24-hour	100	9	16 (475) [@]	19 (142)	18 (162)	16 (133)	9 (125)
Fine Suspended Particulates (PM2.5)	24-hour	75	9	11 (119)	11 (96)	9 (103)	10 (93)	3 (85)
Ozone	8-hour	160	9	10 (246)	16 (228)	22 (268)	15 (234)	18 (278)
Sulphur Dioxide	10-minute	500	3	n.a. #	n.a. #	n.a. #	n.a. #	n.a. #
	24-hour	125	3	0 (59)	0 (52)	0 (38)	0 (54)	0 (41)
Nitrogen Dioxide	1-hour	200	18	20 (255)	5 (228)	4 (236)	2 (210)	7 (275)
Carbon Monoxide	1-hour	30 000	0	0 (2 910)	0 (2 290)	0 (2 660)	0 (1 810)	0 (2 236)
	8-hour	10 000	0	0 (2 469)	0 (2 188)	0 (2 461)	0 (1 640)	0 (1 561)

Notes:

1. Figures in brackets denote the highest concentrations recorded in respect of the pollutant (in $\mu\text{g}/\text{m}^3$).
2. The current AQOs which took effect on 1 January 2014 are not applicable to the monitoring data recorded between 2010 and 2013. However, for the sake of comparison with the monitoring data of 2014, the data of all years in the table are compared against the current AQOs.
3. * The data of 2014 have yet to be fully validated.
4. The respirable suspended particulates data marked with “@” in the table were recorded in March 2010 when Hong Kong was affected by the sand and dust weather originating from northern China.
5. The note “n.a.#” means having no such data.