

Annex 2 to Legislative Council Question No 16

Comparison of Air Quality in Tung Chung in 2015 with Current Air Quality Objectives

Air Pollutants	Reference Period	Air Quality Objectives (AQOs)		2015 (Preliminary Data)	
		Concentration Limit ($\mu\text{g}/\text{m}^3$)	Number of Reference Periods Exceeding Concentration Limit Allowed	Reference Concentration ($\mu\text{g}/\text{m}^3$)*	AQOs Achieved
Respirable Suspended Particulates (PM_{10})	1-year	50	-	36	Yes
	1-day	100	9	93 ⁽¹⁾	Yes
Fine Suspended Particulates ($\text{PM}_{2.5}$)	1-year	35	-	22	Yes
	1-day	75	9	65 ⁽¹⁾	Yes
Ozone	8-hour	160	9	176 ⁽¹⁾	No
Nitrogen Dioxide	1-year	40	-	41	No
	1-hour	200	18	162 ⁽²⁾	Yes
Sulphur Dioxide	10-minute	500	3	88 ⁽³⁾	Yes
	1-day	125	3	22 ⁽³⁾	Yes
Carbon Monoxide	1-hour	30 000	0	3506	Yes
	8-hour	10 000	0	1818	Yes

Notes:

The current AQOs set the concentration limit for each pollutant averaged over a reference period and the number of reference periods exceeding concentration limit allowed in a calendar year

* : The highest averaged concentration unless otherwise specified

(1) : The 10th highest averaged concentration

(2) : The 19th highest averaged concentration

(3) : The 4th highest averaged concentration