

## Annex A

### New AQOs for Hong Kong

Pollutants	Avg. Time	Existing AQOs		Proposed AQOs				
		( $\mu\text{g}/\text{m}^3$ )	No of Exceed-ances Allowed	WHO IT-1 <sup>[3]</sup> ( $\mu\text{g}/\text{m}^3$ )	WHO IT-2 <sup>[3]</sup> ( $\mu\text{g}/\text{m}^3$ )	WHO IT-3 <sup>[3]</sup> ( $\mu\text{g}/\text{m}^3$ )	WHO AQG ( $\mu\text{g}/\text{m}^3$ )	No of Exceed-ances Allowed
Sulphur Dioxide	10-min	--	--	-	-	-	<b>500</b>	3
	24-hr	350	1	<b>125</b>	50	-	20	3
Respirable Suspended Particulates (PM10)	24-hr	180	1	150	<b>100</b>	75	50	9
	Annual	55	NA	70	<b>50</b>	30	20	NA
Fine Suspended Particulates (PM2.5)	24-hr	--	--	<b>75</b>	50	37.5	25	9
	Annual	--	--	<b>35</b>	25	15	10	NA
Nitrogen Dioxide	1-hr	300	3	-	-	-	<b>200</b>	18
	Annual	80	NA	-	-	-	<b>40</b>	NA
Ozone	8-hr	240 <sup>[1]</sup>	3	<b>160</b>	-	-	100	9
Carbon Monoxide	1-hr	30,000	3	-	-	-	<b>30,000</b>	0
	8-hr	10,000	1	-	-	-	<b>10,000</b>	0
Lead	Annual	1.5 <sup>[2]</sup>	NA	-	-	-	<b>0.5</b>	NA

 Proposed new AQOs

<sup>[1]</sup> There is no existing 8-hour AQO for ozone in Hong Kong. The figure presented above is the 1-hour AQO.

<sup>[2]</sup> There is no annual AQO for lead in Hong Kong. The figure presented above is the 3-month AQO.

<sup>[3]</sup> The WHO accepts the need for governments to set national standards according to their own particular circumstances. The WHO guidelines therefore also suggest ITs on SO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub> and O<sub>3</sub> to facilitate a progressive approach for achieving the ultimate AQGs and provide milestones in achieving better air quality.