

Schedule X – Air Quality Guidelines 2002

(and comparison with guideline values 1994)

CONTAMINANT	1994 GUIDELINE VALUES		2002 GUIDELINE VALUES	
	Value	Averaging time	Value	Averaging time
Carbon Monoxide	30 mg/m ³	1 hour	30 mg/m ³	1 hour
	10 mg/m ³	8 hour	10 mg/m ³	8 hour
Particles: PM₁₀	120 µg/m ³	24 hour	50 µg/m ³	24 hour
	40 µg/m ³	Annual	20 µg/m ³	Annual
Nitrogen dioxide	300 µg/m ³	1 hour	200 µg/m ³	1 hour
	100 µg/m ³	24 hour	100 µg/m ³	24 hour
Sulphur dioxide ²	500 µg/m ³	10 min	Withdrawn	
	350 µg/m ³	1 hour	350 µg/m ³	1 hour
	125 µg/m ³	24 hour	120 µg/m ³	24 hour
	50 µg/m ³	Annual	Withdrawn	
Ozone	150 µg/m ³	1 hour	150 µg/m ³	1 hour
	100 µg/m ³	8 hour	100 µg/m ³	8 hour
Hydrogen sulphide	7 µg/m ³	30 min	7 µg/m ³	1 hour
Lead ³	0.5 -1.0 µg/m ³	3 month	0.2 µg/m ³ (lead content of PM10)	3-month moving average (calculated monthly)

Notes

1. The sulphur dioxide guideline values do not apply to sulphur acid mist.
2. The guideline values for metals are for inhalation exposure only; they do not include exposure from other routes. These other routes should be considered in assessments.

Ambient Air Quality Standards 2004 – Resource Management (National Environmental Standards for Air Quality) Regulations 2004

<u>Contaminant</u>	<u>Standard</u>	<u>Time Average</u>	<u>Allowable exceedences per year</u>
Carbon monoxide (CO)	10 mg/m ³	8 hours	1
Nitrogen dioxide (NO ₂)	200 µg/m ³	1 hour	9
Ozone (O ₃)	150 µg/m ³	1 hour	0
Particles (PM ₁₀)	50 µg/m ³	24 hours	1
Sulphur dioxide (SO ₂)	350 µg/m ³	1 hour	9
	570 µg/m ³	1 hour	0