

AIR QUALITY OBJECTIVES AND STANDARDS
($\mu\text{g}/\text{m}^3$)

Contaminant	Averaging Period	Canada maximum desirable	Canada maximum acceptable	Canada maximum tolerable	B.C. level A	B.C. level B	B.C. level C
carbon monoxide	1 hour	15000	35000		14300	28000	35000
	8 hour	6000	15000	20000	5500	11000	14300
formaldehyde	1 hour				Action Level = 60 Episode Level = 370		
hydrogen sulphide	1 hour				7.5-14	28-45	42-45
	24 hour				4	6-7.5	7.5-8
lead	24 hour				4	4	6
	30 day geometric mean						
	quarterly annual geometric mean				2	2	3
nitrogen dioxide	1 hour		400	1000			
	24 hour		200	300			
	annual arithmetic mean	60	100				
ozone	1 hour	100	160	300			
	24 hour	30	50				
	annual arithmetic mean		30				
PM10	24 hour					50	
sulphur dioxide	1 hour	450	900		450	900	900-1300
	3 hour				375	665	
	24 hour	150	300	800	160	260	360
	annual arithmetic mean	30	60		25	50	80
total reduced sulphur	1 hour				7	28	
	24 hour				3	6	
total suspended particulate	24 hour		120	400	150	200	260
	annual geometric mean	60	70		60	70	75

Canada-wide Standards Established in 2000

PM2.5	24 hour	30 $\mu\text{g}/\text{m}^3$ *
ozone	8-hour daily max.	65 ppb **

based on annual 98th percentile value, averaged over 3 consecutive years; ** based on 4th highest annual value, averaged over 3 consecutive years

Ambient Air Quality Objectives Established in 2009

PM2.5	24 hour	Air Quality Objective: 25 $\mu\text{g}/\text{m}^3$ *
	annual arithmetic mean	Air Quality Objective: 8 $\mu\text{g}/\text{m}^3$
	annual arithmetic mean	Planning Goal : 6 $\mu\text{g}/\text{m}^3$

* based on annual 98th percentile value,