



Environment

Box 2703, Whitehorse, Yukon Y1A 2C6

The following standards are the maximum concentrations of pollutants acceptable in ambient air^a throughout the Yukon Territory. These Yukon ambient air quality standards will be used to determine the acceptability of emissions from proposed and existing developments.

Parameter	Standard (µg/m ³) ^b	Standard (ppm) ^c	Standard (ppbv) ^d
Sulphur Dioxide (SO₂) 1-hour average 24-hour average Annual arithmetic mean			172 57 11
Ground Level Ozone (O₃) 8-hour running average			63
Total Suspended Particulate (TSP) 24-hour average Annual geometric mean	120 60		
Carbon Monoxide (CO) 1 hour average 8 hour average		13 5	
Fine Particulate Matter (PM_{2.5}) 24-hour average (calendar day)	28		
Fine Particulate Matter (PM_{2.5}) Annual mean (calendar year)	10		
Coarse Particulate Matter (PM₁₀) 24-hour average	50		
Nitrogen Dioxide (NO₂) 1-hour average 24-hour average Annual arithmetic mean			213 106 32

^a All ambient air quality measurements will be referenced to standard conditions of 25 degrees Celsius and 101.3 kiloPascals.

^b ug/m³ = micrograms per cubic meter

^c ppm = parts per million

^d ppbv = parts per billion by volume

Date Implemented: April 22, 2010
Updated: September 2014