

Design Criteria for Supplementary Air Pollutants

I, Wes Ford, Director, Environment Protection Authority, hereby determine design criteria for the air pollutants listed in the table below. These design criteria are to supplement those listed in Schedule 2 of the Tasmanian *Environment Protection Policy (Air Quality) 2004*.

This determination is made under clause 11(1)(e) of the *Environment Protection Policy (Air Quality) 2004*, whereby clause 11(1)(e) states:

“If Schedule 2 does not contain design criteria for a pollutant, the regulatory authority should request the Director to determine appropriate design criteria and should regulate the relevant activity in accordance with the concentrations so determined.”

Design criteria for air pollutants to supplement those listed in Schedule 2 of the Tasmanian *Environment Protection Policy (Air Quality) 2004*.

Pollutant	CAS No.	Design Criteria 3-minute average unless otherwise specified	
		ppm	mg/m ³ (25°C, 1 atm)
Alpha chlorinated toluenes and Benzoyl chloride			0.017
Antimony and compounds			0.017
Arsenic and compounds			0.00017
Benzo(a)pyrene as a marker for polycyclic aromatic hydrocarbons			0.00073
n-Butyl acetate	123-86-4	0.4	1.9
Butyl acrylate	141-32-2	0.034	0.18
Cadmium and cadmium compounds			0.000033
Ethanedinitrile	460-19-5	0.09	0.19
Lead - 1-year average			0.0005
Manganese and compounds			0.033
Methyl bromide	74-87-9	0.055	0.21
Nickel and nickel compounds			0.00033
Nitrogen dioxide - 1-year average	10102-44-0	0.015	
Particulate matter (as PM ₁₀) - 1-year average			0.025
Particulate matter (as PM _{2.5})			
24-hour average			0.025
1-year average			0.008
Photochemical oxidants (as ozone, 8 hour average)		0.065	
Respirable crystalline silica – inhaled In the form of			0.0033

Pollutant	CAS No.	Design Criteria 3-minute average unless otherwise specified	
		ppm	mg/m ³ (25°C, 1 atm)
quartz or cristobalite (measured as PM2.5)			
Sulfur dioxide - 24-hour average	7446-09-5	0.02	



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