

TABLE B-1 Comparison of Regulations and Guidelines Pertinent to Indoor Environments^a

(The user of any value in this table should take into account the purpose for which it was adopted and the means by which it was developed.)

	Enforceable and/or Regulatory Levels				Non-enforced Guidelines and Reference Levels			
	NAAQS/EPA (Ref. B-4)	OSHA (Ref. B-5)	MAK (Ref. B-2)	Canadian (Ref. B-8)	WHO/Europe (Ref. B-11)	NIOSH (Ref. B-13)	ACGIH (Ref. B-1)	
Carbon dioxide		5,000 ppm	5,000 ppm 10,000 ppm [1 hr]	3,500 ppm [L]		5,000 ppm 30,000 ppm [15 min]	5,000 ppm 30,000 ppm [15 min]	
Carbon monoxide ^c	9 ppm ^g 35 ppm [1 hr] ^g	50 ppm	30 ppm 60 ppm [30 min]	11 ppm [8 hr] 25 ppm [1 hr]	90 ppm [15 min] 50 ppm [30 min] 25 ppm [1 hr] 10 ppm [8 hr]	35 ppm 200 ppm [C]	25 ppm	
Formaldehyde ^h		0.75 ppm 2 ppm [15 min]	0.3 ppm 1 ppm ⁱ	0.1 ppm [L] 0.05 ppm [L] ^b	0.1 mg/m ³ (0.081 ppm) [30 min] ^p	0.016 ppm 0.1 ppm [15 min]	0.3 ppm [C]	
Lead	1.5 µg/m ³ [3 months]	0.05 mg/m ³	0.1 mg/m ³ 1 mg/m ³ [30 min]	Minimize exposure	0.5 µg/m ³ [1 yr]	0.1 mg/m ³ [10 h]	0.05 mg/m ³	
Nitrogen dioxide	0.05 ppm [1 yr]	5 ppm [C]	5 ppm 10 ppm [5 min]	0.05 ppm 0.25 ppm [1 hr]	0.1 ppm [1 hr] 0.004 ppm [1 yr]	1 ppm [15 min]	3 ppm 5 ppm [15 min]	
Ozone	0.12 ppm [1 hr] ^g 0.08 ppm	0.1 ppm	j	0.12 ppm [1 hr]	0.064 ppm (120 µg/m ³) [8 hr]	0.1 ppm [C]	0.05 ppm ^k 0.08 ppm ^l 0.1 ppm ^m 0.2 ppm ⁿ	
Particles ^e <2.5 µm MMAD ^d	15 µg/m ³ [1 yr] ^o 65 µg/m ³ [24 hr] ^o	5 mg/m ³	1.5 mg/m ³ for <4 µm	0.1 mg/m ³ [1 hr] 0.040 mg/m ³ [L]			3 mg/m ³	
Particles ^e <10 µm MMAD ^d	50 µg/m ³ [1 yr] ^o 150 µg/m ³ [24 hr] ^o		4 mg/m ³				10 mg/m ³	
Radon	See Table B-2 ^f				2.7 pCi/L [1 yr]			
Sulfur dioxide	0.03 ppm [1 yr] 0.14 ppm [24 hr] ^g	5 ppm	0.5 ppm 1 ppm ⁱ	0.38 ppm [5 min] 0.019 ppm	0.048 ppm [24 h] 0.012 ppm [1 yr]	2 ppm 5 ppm [15 min]	2 ppm 5 ppm [15 min]	
Total Particles ^e		15mg/m ³						