

Table 1. Maximum concentration levels, by contaminant and testing method

Contaminant			Maximum concentration	ASTM and U.S. EPA methods	ISO method
Particulates	PM10 (for all buildings)		50 µg/m³ Healthcare only: 20 µg/m³	EPA Compendium Method IP-10	ISO 7708
	PM2.5 (for buildings in EPA nonattainment areas for PM2.5, or local equivalent)		15 µg/m³		
Ozone (for buildings in EPA nonattainment areas for Ozone, or local equivalent)			0.075 ppm	ASTM D5149 - 02	ISO 13964
Carbon monoxide (CO)			9 ppm; no more than 2 ppm above outdoor levels	EPA Compendium Method IP-3	ISO 4224
Total volatile organic compounds (TVOCs)			500 µg/m³ Healthcare only: 200 µg/m³	EPA TO-1, TO-17, or EPA Compendium Method IP-1	ISO 16000-6
Formaldehyde			27 ppb Healthcare only: 16.3 ppb	ASTM D5197, EPA TO-11, or EPA Compendium Method IP-6	ISO 16000-3
Target volatile organic compounds*	1	Acetaldehyde	140 µg/m³	ASTM D5197; EPA TO-1, TO-17, or EPA Compendium Method IP-1	ISO 16000-3, ISO 16000-6
	2	Benzene	3 µg/m³		
	3	Carbon disulfide	800 µg/m³		
	4	Carbon tetrachloride	40 µg/m³		
	5	Chlorobenzene	1000 µg/m³		
	6	Chloroform	300 µg/m³		
	7	Dichlorobenzene (1,4-)	800µg/m³		
	8	Dichloroethylene (1,1)	70 µg/m³		
	9	Dimethylformamide (N,N-)	80 µg/m³		
	10	Dioxane (1,4-)	3000 µg/m³		
	11	Epichlorohydrin	3 µg/m³		
	12	Ethylbenzene	2000 µg/m³		
	13	Ethylene glycol	400 µg/m³		
	14	Ethylene glycol monoethyl ether	70 µg/m³		
	15	Ethylene glycol monoethyl ether acetate	300 µg/m³		
	16	Ethylene glycol monomethyl ether	60 µg/m³		
	17	Ethylene glycol monomethyl ether acetate	90 µg/m³		
	19	Hexane (n-)	7000 µg/m³		
	20	Isophorone	2000 µg/m³		
	21	Isopropanol	7000 µg/m³		
	22	Methyl chloroform	1000 µg/m³		
	23	Methylene chloride	400 µg/m³		
	24	Methyl t-butyl ether	8000 µg/m³		
	25	Naphthalene	9 µg/m³		
	26	Phenol	200 µg/m³		
	27	Propylene glycol monomethyl ether	7000 µg/m³		
	28	Styrene	900 µg/m³		
	29	Tetrachloroethylene (Perchloroethylene)	35 µg/m³		
	30	Toluene	300 µg/m³		
	31	Trichloroethylene	600 µg/m³		
	32	Vinyl acetate	200 µg/m³		
	33-35	Xylenes, technical mixture (m-, o-, p-xylene combined)	700 µg/m³		

ppb = parts per billion; ppm = parts per million; µg/cm³ = micrograms per cubic meter

*The target volatile organic compounds are from CDPH Standard Method v1.1, Table 4-1. The Maximum concentration limits for these target compounds are the full CREL adopted by Cal/EPA OEHHA in effect on June 2014

<http://oehha.ca.gov/air/allrels.html>