

Comparison of 2013 Indoor Air Screening Levels to 2021 Indoor Air Remediation Standards

Chemical	CAS No.	Residential Indoor Air		Nonresidential Indoor Air	
		Screening Levels	Remediation Standards	Screening Levels	Remediation Standards
		2013	2021	2013	2021
		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$
Acetone (2-propanone)	67-64-1	32,000	-	140,000	-
Benzene	71-43-2	2	0.64	2	1.6
Bromodichloromethane	75-27-4	3	-	3	-
Bromoethene (vinyl bromide)	593-60-2	2	-	2	-
Bromoform	75-25-2	5	-	11	-
Bromomethane (methyl bromide)	74-83-9	5	5.2	22	22
1,3-Butadiene	106-99-0	1	-	1	-
2-Butanone (methyl ethyl ketone)	78-93-3	5,200	5,200	22,000	22,000
Carbon disulfide	75-15-0	730	730	3,100	3,100
Carbon tetrachloride	56-23-5	3	1.3	3	2
Chlorobenzene	108-90-7	52	52	220	220
Chloroethane (ethyl chloride)	75-00-3	10,000	10,000	44,000	44,000
Chloroform	67-66-3	2	100	2	430
Chloromethane (methyl chloride)	74-87-3	94	94	390	390
3-Chloropropene (allyl chloride)	107-05-1	2	-	2	-
Cyclohexane	110-82-7	6,300	6,300	26,000	26,000
Dibromochloromethane	124-48-1	4	-	4	-
1,2-Dibromoethane (ethylene dibromide)	106-93-4	4	1.5	4	1.5
1,2-Dichlorobenzene (o)	95-50-1	210	210	880	880
1,4-Dichlorobenzene (p)	106-46-7	3	830	3	3,500
Dichlorodifluoromethane (Freon 12)	75-71-8	100	-	440	-
1,1-Dichloroethane	75-34-3	2	-	8	-
1,2-Dichloroethane	107-06-2	2	7.3	2	31
1,1-Dichloroethene ¹	75-35-4	210	21	880	88
1,2-Dichloroethene (trans)	156-60-5	63	-	260	-
1,2-Dichloropropane	78-87-5	2	0.92	2	3.3
1,3-Dichloropropene (total)	542-75-6	2	0.91	3	3.1
1,4-Dioxane	123-91-1	-	0.72	-	2.5
Ethylbenzene	100-41-4	2	1.1	5	4.9
Hexachlorobutadiene	87-68-3	5	-	5	-
n-Hexane	110-54-3	730	730	3,100	3,100
Mercury, elemental	7439-97-6	1	1.0	1	1.3
Methylene chloride (dichloromethane)	75-09-2	96	280	1,200	1,200
4-Methyl-2-pentanone (MIBK)	108-10-1	3,100	3,100	13,000	13,000
Methyl tert-butyl ether (MTBE)	1634-04-4	9	11	47	47
Naphthalene	91-20-3	3	2.6	3	2.6
Styrene	100-42-5	1,000	1,000	4,400	4,400
1,1,2,2-Tetrachloroethane	79-34-5	3	-	3	-
Tetrachloroethene (PCE)	127-18-4	9	11	47	47
Toluene	108-88-3	5,200	5,200	22,000	22,000
1,2,4-Trichlorobenzene	120-82-1	4	3.7	9	8.8
1,1,1-Trichloroethane	71-55-6	5,200	5,200	22,000	22,000
1,1,2-Trichloroethane	79-00-5	3	-	3	-
Trichloroethene (TCE)	79-01-6	3	1.1	3	3
Trichlorofluoromethane (Freon 11)	75-69-4	730	-	3,100	-
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	31,000	5,200	130,000	22,000
1,2,4-Trimethylbenzene	95-63-6	-	63	-	260
Vinyl chloride	75-01-4	1	0.64	3	2.8
Xylenes (total)	1330-20-7	100	100	440	440

Residential IARS	
IARS Increasing	7
IARS Decreasing	12
IARS the Same	14
IARS Added	2
IARS Removed	14

Nonresidential IARS	
IARS Increasing	6
IARS Decreasing	9
IARS the Same	18
IARS Added	2
IARS Removed	14

NOTES

"-" Not applicable because appropriate toxicological information is not available to derive a health-based value or chemical is not on the USEPA Target Compound List.
 1,1,1-Dichloroethene IARS is decreasing (becoming more stringent) by an order of magnitude from the previous IASL.