

SCHEDULE 3.3

GENERIC NUMERICAL VAPOUR STANDARDS^{1,2}

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service Number (CAS)	Agricultural, Urban Park, Residential Use Standard	Commercial Use Standard	Industrial Use Standard	Parkade Use Standard
acetaldehyde	75-07-0	4.5	15	40	35
acetone	67-64-1	2 000	5 500	35 000	15 000
acetone cyanohydrin	75-86-5	2	6	20	15
acetonitrile	75-05-8	60	200	550	500
acrolein	107-02-8	0.2	0.2	0.2	0.2
acrylonitrile	107-13-1	0.5	0.5	1.5	1
allyl chloride	107-05-1	1	3	9	8
ammonia (as N)	7664-41-7	100	300	900	800
benzene	71-43-2	1.5	4	10	10
benzotrichloride	98-07-7	1	1	1	1
benzyl chloride	100-44-7	0.2	0.6	2	1.5
bis(2-chloro-1-methylethyl) ether	108-60-1	80	250	1 500	650
bis(2-chloroethyl) ether	111-44-4	1	1	1	1
bis(2-chloromethyl) ether	542-88-1	1	1	1	1
bromobenzene	108-86-1	60	200	550	500
bromodichloromethane [BDCM]	75-27-4	40	100	800	300
bromoform	75-25-2	9	30	85	75
bromomethane	74-83-9	5	15	45	40
butadiene, 1,3-	106-99-0	2	2	3	2.5
carbon disulfide	75-15-0	700	2 000	6 500	5 500
carbon tetrachloride	56-23-5	1.5	5	15	15
chlorine (Cl ₂)	7782-50-5	20	20	20	20
chloro-1,1-difluoroethane, 1-	75-68-3	50 000	150 000	450 000	400 000
chlorobenzene	108-90-7	10	30	90	80
chlorobenzotrifluoride, 4-	98-56-6	15	40	100	100
chlorobutane, 1-	109-69-3	80	250	1 500	650
chlorodifluoromethane	75-45-6	50 000	150 000	450 000	400 000

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chloroethane	75-00-3	10 000	30 000	90 000	80 000
chloroform	67-66-3	100	300	900	800
chloromethane	74-87-3	90	250	800	700
chloronitrobenzene, 4-	100-00-5	1	2	5.5	5
chlorophenol, 2-	95-57-8	10	30	200	80
chloroprene	126-99-8	1	1	1	1
chloropropane, 2-	75-29-6	60	150	1 000	450
chlorotoluene, 2-	95-49-8	40	100	800	300
crotonaldehyde, trans-	123-73-9	2	6	40	15
cyanide	57-12-5	2	3.5	25	9.5
cyanogen	460-19-5	10	10	40	15
cyanogen bromide	506-68-3	200	550	3 500	1 500
cyanogen chloride	506-77-4	100	300	2 000	800
dibromo-3-chloropropane, 1,2-	96-12-8	1	1	2	1.5
dibromobenzene, 1,4-	106-37-6	20	60	400	150
dibromochloromethane [DBCM]	124-48-1	40	100	800	300
dibromoethane, 1,2-	106-93-4	0.5	0.5	0.5	0.5
dibromomethane	74-95-3	4	10	35	30
dichloro-2-butene, 1,4- (cis + trans)	764-41-0	1	1	1	1
dichlorobenzene, 1,2-	95-50-1	200	600	2 000	1 500
dichlorobenzene, 1,3-	541-73-1	60	200	1 000	500
dichlorobenzene, 1,4-	106-46-7	800	2 500	7 500	6 500
dichlorodifluoromethane	75-71-8	100	300	900	800
dichloroethane, 1,1-	75-34-3	500	1 500	4 500	4 000
dichloroethane, 1,2-	107-06-2	7	20	65	55
dichloroethylene, 1,1-	75-35-4	200	600	2 000	1 500
dichloroethylene, 1,2- cis	156-59-2	60	200	550	500

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dichloroethylene, 1,2- trans	156-60-5	60	200	550	500
dichloromethane	75-09-2	600	2 000	5 500	5 000
dichloropropane, 1,2-	78-87-5	4	10	35	30
dichloropropane, 1,3-	142-28-9	1	3	20	8
dichloropropene, 1,3- (cis + trans)	542-75-6	2.5	7.5	25	20
dicyclopentadiene	77-73-6	1	1	2.5	2.5
diethyl ether	60-29-7	400	1 000	8 000	3 000
dimethylamine	124-40-3	1	1	1	1
dimethylaniline, N,N- [DMA]	121-69-7	4	10	80	30
epichlorohydrin	106-89-8	1	3	9	8
epoxybutane, 1,2-	106-88-7	20	60	200	150
ethyl acetate	141-78-6	70	200	650	550
ethyl acrylate	140-88-5	8	25	75	65
ethyl methacrylate	97-63-2	300	900	2 500	2 500
ethylbenzene	100-41-4	1 000	3 000	9 000	8 000
ethylene oxide	75-21-8	10	10	10	10
furan	110-00-9	2	6	40	15
hexachlorobutadiene	87-68-3	1	1.5	4	3.5
hexachlorocyclopentadiene	77-47-4	1	1	2	1.5
hexachloroethane	67-72-1	30	90	250	250
isopropylbenzene	98-82-8	400	1 000	3 500	3 000
methacrylonitrile	126-98-7	30	90	250	250
methyl acetate	79-20-9	2 000	6 000	40 000	15 000
methyl acrylate	96-33-3	20	60	200	150
methyl ethyl ketone [MEK]	78-93-3	5 000	15 000	45 000	40 000
methyl isobutyl ketone [MIBK]	108-10-1	3 000	9 000	25 000	25 000
methyl mercaptan	74-93-1	2	3.5	20	9

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methyl methacrylate	80-62-6	700	2 000	6 500	5 500
methyl tert-butyl ether [MTBE]	1634-04-4	3 000	9 000	25 000	25 000
methylcyclohexane	108-87-2	1 500	5 000	35 000	15 000
methylstyrene, alpha-	98-83-9	150	400	2 500	1 000
naphthalene	91-20-3	3	9	25	25
n-decane	124-18-5	2 500	8 000	25 000	20 000
n-hexane	110-54-3	700	2 000	6 500	5 500
nitrobenzene	98-95-3	1	1	2.5	2
nitrotoluene, 2-	88-72-2	2	5.5	35	15
phosphine	7803-51-2	10	10	10	10
propylene oxide	75-56-9	2.5	8	25	20
pyridine	110-86-1	100	350	1 000	950
styrene	100-42-5	1 000	3 000	9 000	8 000
tetrachloroethane, 1,1,1,2-	630-20-6	1.5	4	10	10
tetrachloroethane, 1,1,2,2-	79-34-5	40	100	800	300
tetrachloroethylene	127-18-4	40	100	350	300
tetrahydrofuran	109-99-9	3.5	10	30	25
toluene	108-88-3	5 000	15 000	45 000	40 000
trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	30 000	90 000	250 000	250 000
trichlorobenzene, 1,2,4-	120-82-1	7	20	65	55
trichloroethane, 1,1,1-	71-55-6	5 000	15 000	45 000	40 000
trichloroethane, 1,1,2-	79-00-5	0.5	0.6	2	1.5
trichloroethylene	79-01-6	2	6	20	15
trichlorofluoromethane	75-69-4	700	2 000	6 500	5 500
trichloropropane, 1,1,2-	598-77-6	10	30	200	80
trichloropropane, 1,2,3-	96-18-4	0.5	0.9	2.5	2.5
trichloropropene, 1,2,3-	96-19-5	0.5	0.9	2.5	2.5

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triethylamine	121-44-8	7	20	65	55
trimethylbenzene, 1,2,4-	95-63-6	7	20	65	55
trimethylbenzene, 1,3,5-	108-67-8	3.5	10	65	25
vinyl acetate	108-05-4	200	600	2 000	1 500
vinyl bromide	593-60-2	1	1	3	2.5
vinyl chloride	75-01-4	1	3.5	10	9
VPHV ³	NA ⁴	1 000	3 000	11 500	8 000
xylene, total ⁵	1330-20-7	100	300	900	800

Notes

- All values in µg/m³ unless otherwise stated.
- Vapour standards applied to soil vapour may be adjusted for depth dependent attenuation as specified in a director's protocol.
- VPHV – Volatile Petroleum Hydrocarbons in vapour includes the sum of those compounds with a carbon range from 6 to 13 obtained by approved methods minus the sum of benzene, ethylbenzene, n-decane, n-hexane, styrene, toluene and xylenes, where approved methods are specified by a director's protocol.
- NA – not applicable. No CAS number exists for the substance.
- Standard for the substance applies to the sum of vapour concentrations of ortho, meta and para isomers.