

Environmental Protection Agency

Pt. 266, App. VI

Constituent	CAS No.	Unit risk (m ³ /μg)	RsD (μg/m ³)
Hexachlorobenzene	118-74-1	4.9E-04	2.0E-02
Hexachlorobutadiene	87-68-3	2.0E-05	5.0E-01
Alpha-hexachloro-cyclohexane	319-84-6	1.8E-03	5.6E-03
Beta-hexachloro-cyclohexane	319-85-7	5.3E-04	1.9E-02
Gamma-hexachloro-cyclohexane	58-89-9	3.8E-04	2.6E-02
Hexachlorocyclo-hexane, Technical		5.1E-04	2.0E-02
Hexachlorodibenzo-p-dioxin(1,2 Mixture)		1.3E+0	7.7E-06
Hexachloroethane	67-72-1	4.0E-06	2.5E+00
Hydrazine	302-01-2	2.9E-03	3.4E-03
Hydrazine Sulfate	302-01-2	2.9E-03	3.4E-03
3-Methylcholanthrene	56-49-5	2.7E-03	3.7E-03
Methyl Hydrazine	60-34-4	3.1E-04	3.2E-02
Methylene Chloride	75-09-2	4.1E-06	2.4E+00
4,4'-Methylene-bis-2-chloroaniline	101-14-4	4.7E-05	2.1E-01
Nickel	7440-02-0	2.4E-04	4.2E-02
Nickel Refinery Dust	7440-02-0	2.4E-04	4.2E-02
Nickel Subulfide	12035-72-2	4.8E-04	2.1E-02
2-Nitropropane	79-46-9	2.7E-02	3.7E-04
N-Nitroso-n-butylamine	924-16-3	1.6E-03	6.3E-03
N-Nitroso-n-methylurea	684-93-5	8.6E-02	1.2E-04
N-Nitrosodiethylamine	55-18-5	4.3E-02	2.3E-04
N-Nitrosopyrrolidine	930-55-2	6.1E-04	1.6E-02
Pentachloronitrobenzene	82-68-8	7.3E-05	1.4E-01
PCBs	1336-36-3	1.2E-03	8.3E-03
Pronamide	23950-58-5	4.6E-06	2.2E+00
Reserpine	50-55-5	3.0E-03	3.3E-03
2,3,7,8-Tetrachloro-dibenzo-p-dioxin	1746-01-6	4.5E+01	2.2E-07
1,1,2,2-Tetrachloroethane	79-34-5	5.8E-05	1.7E-01
Tetrachloroethylene	127-18-4	4.8E-07	2.1E+01
Thiourea	62-56-6	5.5E-04	1.8E-02
1,1,2-Trichloroethane	79-00-5	1.6E-05	6.3E-01
Trichloroethylene	79-01-6	1.3E-06	7.7E+00
2,4,6-Trichlorophenol	88-06-2	5.7E-06	1.8E+00
Toxaphene	8001-35-2	3.2E-04	3.1E-02
Vinyl Chloride	75-01-4	7.1E-06	1.4E+00

[56 FR 7232, Feb. 21, 1991, as amended at 71 FR 40277, July 14, 2006]

APPENDIX VI TO PART 266—STACK PLUME RISE

[Estimated Plume Rise (in Meters) Based on Stack Exit Flow Rate and Gas Temperature]

Flow rate (m ³ /s)	Exhaust Temperature (K°)										
	<325	325-349	350-399	400-449	450-499	500-599	600-699	700-799	800-999	1000-1499	>1499
<0.5	0	0	0	0	0	0	0	0	0	0	0
0.5-0.9	0	0	0	0	0	0	0	0	1	1	1
1.0-1.9	0	0	0	0	1	1	2	3	3	3	4
2.0-2.9	0	0	1	3	4	4	6	6	7	8	9
3.0-3.9	0	1	2	5	6	7	9	10	11	12	13
4.0-4.9	1	2	4	6	8	10	12	13	14	15	17
5.0-7.4	2	3	5	8	10	12	14	16	17	19	21
7.5-9.9	3	5	8	12	15	17	20	22	22	23	24
10.0-12.4	4	6	10	15	19	21	23	24	25	26	27
12.5-14.9	4	7	12	18	22	23	25	26	27	28	29
15.0-19.9	5	8	13	20	23	24	26	27	28	29	31
20.0-24.9	6	10	17	23	25	27	29	30	31	32	34
25.0-29.9	7	12	20	25	27	29	31	32	33	35	36
30.0-34.9	8	14	22	26	29	31	33	35	36	37	39
35.0-39.9	9	16	23	28	30	32	35	36	37	39	41
40.0-49.9	10	17	24	29	32	34	36	38	39	41	42
50.0-59.9	12	21	26	31	34	36	39	41	42	44	46
60.0-69.9	14	22	27	33	36	39	42	43	45	47	49
70.0-79.9	16	23	29	35	38	41	44	46	47	49	51
80.0-89.9	17	25	30	36	40	42	46	48	49	51	54
90.0-99.9	19	26	31	38	42	44	48	50	51	53	56
100.0-119.9	21	26	32	39	43	46	49	52	53	55	58
120.0-139.9	22	28	35	42	46	49	52	55	56	59	61
140.0-159.9	23	30	36	44	48	51	55	58	59	62	65
160.0-179.9	25	31	38	46	50	54	58	60	62	65	67
180.0-199.9	26	32	40	48	52	56	60	63	65	67	70

[Estimated Plume Rise (in Meters) Based on Stack Exit Flow Rate and Gas Temperature]

Flow rate (m ³ /s)	Exhaust Temperature (K ^o)										
	<325	325-349	350-399	400-449	450-499	500-599	600-699	700-799	800-999	1000-1499	>1499
>199.9	26	33	41	49	54	58	62	65	67	69	73

[56 FR 7233, Feb. 21, 1991, as amended at 71 FR 40277, July 14, 2006]

APPENDIX VII TO PART 266—HEALTH-BASED LIMITS FOR EXCLUSION OF WASTE-DERIVED RESIDUES*

METALS—TCLP EXTRACT CONCENTRATION LIMITS

Constituent	CAS No.	Concentration limits (mg/L)
Antimony	7440-36-0	1X + 00
Arsenic	7440-38-2	5X + 00
Barium	7440-39-3	1X + 02
Beryllium	7440-41-7	7X - 03
Cadmium	7440-43-9	1X + 00
Chromium	7440-47-3	5X + 00
Lead	7439-92-1	5X + 00
Mercury	7439-97-6	2X - 01
Nickel	7440-02-0	7X + 01
Selenium	7782-49-2	1X + 00
Silver	7440-22-4	5X + 00
Thallium	7440-28-0	7X + 00

NONMETALS—RESIDUE CONCENTRATION LIMITS—Continued

Constituent	CAS No.	Concentration limits for residues (mg/kg)
Diethylstilbesterol	56-53-1	7X - 07
Dimethoate	60-51-5	3X - 02
2,4-Dinitrotoluene	121-14-2	5X - 04
Diphenylamine	122-39-4	9X - 01
1,2-Diphenylhydrazine	122-66-7	5X - 04
Endosulfan	115-29-7	2X - 03
Endrin	72-20-8	2X - 04
Epichlorohydrin	106-89-8	4X - 02
Ethylene dibromide	106-93-4	4X - 07
Ethylene oxide	75-21-8	3X - 04
Fluorine	7782-41-4	4X + 00
Formic acid	64-18-6	7X + 01
Heptachlor	76-44-8	8X - 05
Heptachlor epoxide	1024-57-3	4X - 05
Hexachlorobenzene	118-74-1	2X - 04
Hexachlorobutadiene	87-68-3	5X - 03
Hexachlorocyclopentadiene ...	77-47-4	2X - 01
Hexachlorodibenzo-p-dioxins	19408-74-3	6X - 08
Hexachloroethane	67-72-1	3X - 02
Hydrazine	302-01-1	1X - 04
Hydrogen cyanide	74-90-8	7X - 05
Hydrogen sulfide	7783-06-4	1X - 06
Isobutyl alcohol	78-83-1	1X + 01
Methomyl	16752-77-5	1X + 00
Methoxychlor	72-43-5	1X - 01
3-Methylcholanthrene	56-49-5	4X - 05
4,4'-Methylenebis (2-chloroaniline).	101-14-4	2X - 03
Methylene chloride	75-09-2	5X - 02
Methyl ethyl ketone (MEK) ...	78-93-3	2X + 00
Methyl hydrazine	60-34-4	3X - 04
Methyl parathion	298-00-0	2X - 02
Naphthalene	91-20-3	1X + 01
Nickel cyanide	557-19-7	7X - 01
Nitric oxide	10102-43-9	4X + 00
Nitrobenzene	98-95-3	2X - 02
N-Nitrosodi-n-butylamine	924-16-3	6X - 05
N-Nitrosodiethylamine	55-18-5	2X - 06
N-Nitroso-N-methylurea	684-93-5	1X - 07
N-Nitrosopyrrolidine	930-55-2	2X - 04
Pentachlorobenzene	608-93-5	3X - 02
Pentachloronitrobenzene (PCNB).	82-68-8	1X - 01
Pentachlorophenol	87-86-5	1X + 00
Phenol	108-95-2	1X + 00
Phenylmercury acetate	62-38-4	3X - 03
Phosphine	7803-51-2	1X - 02
Polychlorinated biphenyls, N.O.S.	1336-36-3	5X - 05
Potassium cyanide	151-50-8	2X + 00
Potassium silver cyanide	506-61-6	7X + 00
Pronamide	23950-58-5	3X + 00
Pyridine	110-86-1	4X - 02
Reserpine	50-55-5	3X - 05

NONMETALS—RESIDUE CONCENTRATION LIMITS

Constituent	CAS No.	Concentration limits for residues (mg/kg)
Acetonitrile	75-05-8	2X - 01
Acetophenone	98-86-2	4X + 00
Acrolein	107-02-8	5X - 01
Acrylamide	79-06-1	2X - 04
Acrylonitrile	107-13-1	7X - 04
Aldrin	309-00-2	2X - 05
Allyl alcohol	107-18-6	2X - 01
Aluminum phosphide	20859-73-8	1X - 02
Aniline	62-53-3	6X - 02
Barium cyanide	542-62-1	1X + 00
Benz(a)anthracene	56-55-3	1X - 04
Benzene	71-43-2	5X - 03
Benzidine	92-87-5	1X - 06
Bis(2-chloroethyl) ether	111-44-4	3X - 04
Bis(chloromethyl) ether	542-88-1	2X - 06
Bis(2-ethylhexyl) phthalate ...	117-81-7	3X + 01
Bromoform	75-25-2	7X - 01
Calcium cyanide	592-01-8	1X - 06
Carbon disulfide	75-15-0	4X + 00
Carbon tetrachloride	56-23-5	5X - 03
Chlordane	57-74-9	3X - 04
Chlorobenzene	108-90-7	1X + 00
Chloroform	67-66-3	6X - 02
Copper cyanide	544-92-3	2X - 01
Cresols (Cresylic acid)	1319-77-3	2X + 00
Cyanogen	460-19-5	1X + 00
DDT	50-29-3	1X - 03
Dibenz(a, h)-anthracene	53-70-3	7X - 06
1,2-Dibromo-3-chloropropane	96-12-8	2X - 05
p-Dichlorobenzene	106-46-7	7.5X - 02
Dichlorodifluoromethane	75-71-8	7X + 00
1,1-Dichloroethylene	75-35-4	5X - 03
2,4-Dichlorophenol	120-83-2	1X - 01
1,3-Dichloropropene	542-75-6	1X - 03
Dieldrin	60-57-1	2X - 05
Diethyl phthalate	84-66-2	3X + 01