

Appendix F

Comparison of Toxic Air Pollutants: 1994 to 2009

Publication Number: 09-02-008f

If you need this publication in another format, please contact the Air Quality Program at (360) 407-6800. If you have a hearing loss, call 711 for Washington Relay Service. If you have a speech disability, call 877-833-6341.

CAS	Common name.	Old ASIL	Old TAP Class	NEW ASIL (Annual) µg/m3	New ASIL (Short Term) µg/m3	New Averaging Period
	2,3,7,8- Hexachlorodibenzo-p-Dioxin (mixture)			2.63E-07		yr
630206	1,1,1,2-Tetrachloroethane			1.35E-01		yr
811972	1,1,1,2-Tetrafluoroethane				8.00E+04	24-hr
71556	1,1,1-Trichloroethane				1.00E+03	24-hr
79345	1,1,2,2-Tetrachloroethane			1.72E-02		yr
79005	1,1,2-Trichloroethane			6.25E-02		yr
75343	1,1-Dichloroethane			6.25E-01		yr
75354	1,1-Dichloroethylene				2.00E+02	24-hr
75376	1,1-Difluoroethane				4.00E+04	24-hr
57147	1,1-Dimethylhydrazine				5.00E-01	24-hr
39001020	1,2,3,4,6,7,8,9- Octachlorodibenzofuran			2.63E-04		yr
3268879	1,2,3,4,6,7,8,9- Octachlorodibenzo-p-Dioxin			2.63E-04		yr
67562394	1,2,3,4,6,7,8- Heptachlorodibenzofuran			2.63E-06		yr
55673897	1,2,3,4,7,8,9- Heptachlorodibenzofuran			2.63E-06		yr
70648269	1,2,3,4,7,8- Hexachlorodibenzofuran			2.63E-07		yr
39227286	1,2,3,4,7,8- Hexachlorodibenzo-p-dioxin			2.63E-07		yr
57653857	1,2,3,6,7,8 Hexachlorodibenzo-p-dioxin			2.63E-07		yr
57117449	1,2,3,6,7,8- Hexachlorodibenzofuran			2.63E-07		yr
72918219	1,2,3,7,8,9- Hexachlorodibenzofuran			2.63E-07		yr
19408743	1,2,3,7,8,9- Hexachlorodibenzo-p-dioxin			2.63E-07		yr
57117416	1,2,3,7,8- Pentachlorodibenzofuran			5.26E-07		yr
40321764	1,2,3,7,8- Pentachlorodibenzo-p-dioxin			2.63E-08		yr
96184	1,2,3-Trichloropropane				1.84E+00	24-hr

96128	1,2-Dibromo-3-chloropropane			5.26E-04		yr
106934	1,2-Dibromoethane			1.41E-02		yr
107062	1,2-Dichloroethane			3.85E-02		yr
78875	1,2-Dichloropropane			1.00E-01		yr
540738	1,2-Dimethylhydrazine			6.25E-06		yr
122667	1,2-Diphenylhydrazine			4.00E-03		yr
106887	1,2-Epoxybutane				2.00E+01	24-hr
106990	1,3-Butadiene			5.88E-03		yr
542756	1,3-Dichloropropene			6.25E-02		yr
1120714	1,3-Propane Sultone			1.45E-03		yr
106467	1,4-Dichlorobenzene			9.09E-02		yr
123911	1,4-Dioxane			1.30E-01		yr
42397648	1,6-Dinitropyrene			9.09E-05		yr
822060	1,6-Hexamethylene diisocyanate				7.00E-02	24-hr
42397659	1,8-Dinitropyrene			9.09E-04		yr
555840	1-[(5-Nitrofurfurylidene)-amino]-2-imidazolidinone			1.96E-03		yr
82280	1-Amino-2-methylantraquinone			2.33E-02		yr
75683	1-Chloro-1,1-difluoroethane				5.00E+04	24-hr
5522430	1-Nitropyrene			9.09E-03		yr
69782907	2,3,3',4,4',5'-Hexachlorobiphenyl			5.26E-05		yr
38380084	2,3,3',4,4',5'-Hexachlorobiphenyl			5.26E-05		yr
32598144	2,3,3',4,4'-Pentachlorobiphenyl			2.63E-04		yr
39635319	2,3,3',4,4',5,5'-Heptachlorobiphenyl			2.63E-04		yr
74472370	2,3,4,4',5-Pentachlorobiphenyl			5.26E-05		yr
65510443	2',3,4,4',5-Pentachlorobiphenyl			2.63E-04		yr
31508006	2,3',4,4',5-Pentachlorobiphenyl			2.63E-04		yr
60851345	2,3,4,6,7,8-Hexachlorodibenzofuran			2.63E-07		yr
57117314	2,3,4,7,8-Pentachlorodibenzofuran			5.26E-08		yr
	2,3,7,8 Tetrachlorodibenzo-p-dioxin & Related Compounds, NOS			2.63E-08		yr
51207319	2,3,7,8-Tetrachlorodibenzofuran			2.63E-07		yr
1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin			2.63E-08		yr

52663726	2,3',4,4',5,5'-Hexachlorobiphenyl			2.63E-04		yr
88062	2,4,6-Trichlorophenol			5.00E-02		yr
615054	2,4-Diaminoanisole			1.52E-01		yr
39156417	2,4-Diaminoanisole Sulfate			2.70E-01		yr
95807	2,4-Diaminotoluene			9.09E-04		yr
121142	2,4-Dinitrotoluene			1.12E-02		yr
53963	2-Acetylaminofluorene			7.69E-04		yr
68006837	2-Amino-3-methyl-9H pyrido[2,3-b]indole			2.94E-03		yr
76180966	2-Amino-3-methylimidazo-[4,5-f]quinoline			2.50E-03		yr
712685	2-Amino-5-(5-Nitro-2-Furyl)-1,3,4-Thiadiazol			2.17E-04		yr
117793	2-Aminoanthraquinone			1.06E-01		yr
532274	2-Chloroacetophenone				3.00E-02	24-hr
110805	2-Ethoxyethanol				7.00E+01	24-hr
109864	2-Methoxyethanol				6.00E+01	24-hr
129157	2-Methyl-1-nitroanthraquinone			8.33E-04		yr
95487	2-Methylphenol				6.00E+02	24-hr
91598	2-Naphthylamine			1.96E-03		yr
607578	2-Nitrofluorene			9.09E-02		yr
79469	2-Nitropropane				2.00E+01	24-hr
32774166	3,3',4,4',5,5'-Tetrachlorobiphenyl			2.63E-04		yr
57465288	3,3',4,4',5-Pentachlorobiphenyl			2.63E-07		yr
32598133	3,3',4,4'-Tetrachlorobiphenyl			2.63E-04		yr
91941	3,3'-Dichlorobenzidine			2.94E-03		yr
70362504	3,4,4',5-Tetrachlorobiphenyl			2.63E-04		yr
6109973	3-Amino-9-ethylcarbazole hydrochloride			4.55E-02		yr
563473	3-Chloro-2-methyl-propene			2.50E-02		yr
56495	3-Methylcholanthrene			1.59E-04		yr
108394	3-Methylphenol				6.00E+02	24-hr
101804	4,4'-Diaminodiphenyl Ether			2.50E-02		yr
101144	4,4-Methylene bis(2-chloroaniline)			2.33E-03		yr
838880	4,4-Methylene bis(2-Methylaniline)			3.85E-03		yr
101611	4,4'-Methylene bis(n,n'-dimethyl)aniline			7.69E-02		yr
101779	4,4'-Methylenedianiline			2.17E-03		yr
13552448	4,4-Methylenedianiline Dihydrochloride			2.94E-03		yr

139651	4,4-Thiodianiline			2.33E-04		yr
92671	4-Aminobiphenyl			1.67E-04		yr
95830	4-Chloro-o-phenylenediamine			2.17E-01		yr
60117	4-Dimethylaminoazobenzene			7.69E+04		yr
106445	4-Methylphenol				6.00E+02	24-hr
57835924	4-Nitropyrene			9.09E-03		yr
3697243	5-Methylchrysene			9.09E-04		yr
602879	5-Nitroacenaphthene			2.70E-02		yr
99592	5-Nitro-o-Anisidine			7.14E-02		yr
7496028	6-Nitrochrysene			9.09E-05		yr
57976	7,12-Dimethylbenz[a]anthracene			1.41E-05		yr
194592	7h-Dibenzo[c,g]carbazole			9.09E-04		yr
26148685	A-alpha-c(2-amino-9h-pyrido[2,3-b]indole)			8.77E-03		yr
75070	Acetaldehyde			3.70E-01		yr
60355	Acetamide			5.00E-02		yr
75058	Acetonitrile			6.00E+01		yr
107028	Acrolein				6.00E-02	24-hr
79061	Acrylamide			7.69E-04		yr
79107	Acrylic Acid				1.00E+00	24-hr
107131	Acrylonitrile			3.45E-03		yr
50760	Actinomycin D			4.00E-07		yr
1596845	Alar			1.96E-01		yr
309002	Aldrin			2.04E-04		yr
107051	Allyl Chloride			1.67E-01		yr
319846	alpha-Hexachlorocyclohexane			1.30E-03		yr
61825	Amitrole			3.70E-03		yr
7664417	Ammonia				7.08E+01	24-hr
7803636	Ammonium bisulfate				1.20E+02	1-hr
7783202	Ammonium sulfate				1.20E+02	1-hr
62533	Aniline			6.25E-01		yr
1309644	Antimony Trioxide				2.00E-01	24-hr
140578	Aramite			1.16E-01		yr
	Arsenic & Inorganic Arsenic Compounds			3.03E-04		yr
7784421	Arsine				5.00E-02	24-hr
1332214	Asbestos			1.59E-05		yr
492808	Auramine			4.00E-03		yr
115026	Azaserine			3.23E-04		yr
446866	Azathioprine			1.96E-03		yr
103333	Azobenzene			3.23E-02		yr
10294403	Barium Chromate			1.49E-05		yr
56553	Benz[a]anthracene			9.09E-03		yr

71432	Benzene			3.45E-02		yr
92875	Benzidine			7.14E-06		yr
50328	Benzo[a]pyrene			9.09E-04		yr
205992	Benzo[b]fluoranthene			9.09E-03		yr
205823	Benzo[j]fluoranthene			9.09E-03		yr
207089	Benzo[k]fluoranthene			9.09E-03		yr
100447	Benzyl Chloride			2.04E-02		yr
1694093	Benzyl Violet 4B			1.75E-01		yr
	Beryllium & Compounds (NOS)			4.17E-04		yr
1304569	Beryllium Oxide			4.17E-04		yr
13510491	Beryllium Sulfate			1.16E-06		yr
3068880	beta-Butyrolactone			3.45E-03		yr
319857	Beta-hexachlorocyclohexane			2.33E-03		yr
57578	beta-Propiolactone			2.50E-04		yr
111444	Bis(chloroethyl)ether			1.41E-03		yr
542881	Bis(chloromethyl)ether			7.69E-05		yr
75274	Bromodichloromethane			2.70E-02		yr
75252	Bromoform			9.09E-01		yr
25013165	Butylated hydroxyanisole			1.75E+01		yr
569619	C.I. Basic Red 9 Monohydrochloride			1.41E-02		yr
7440439	Cadmium & Compounds			2.38E-04		yr
2425061	Captafol			2.33E-02		yr
133062	Captan			1.52E+00		yr
75150	Carbon disulfide				8.00E+02	24-hr
630080	Carbon monoxide				2.30E+04	1-hr
56235	Carbon Tetrachloride			2.38E-02		yr
305033	Chlorambucil			7.69E-06		yr
57749	Chlordane			2.94E-03		yr
143500	Chlordecone			2.17E-04		yr
115286	Chlorendic Acid			3.85E-02		yr
108171262	Chlorinated Paraffins			4.00E-02		yr
7782505	Chlorine				2.00E-01	24-hr
10049044	Chlorine dioxide				2.00E-01	24-hr
108907	Chlorobenzene				1.00E+03	24-hr
510156	Chlorobenzilate			3.23E-02		yr
75456	Chlorodifluoromethane				5.00E+04	24-hr
67663	Chloroform			4.35E-02		yr
107302	Chloromethyl methyl ether			1.45E-03		yr
76062	Chloropicrin				4.00E-01	24-hr
1897456	Chlorothalonil			1.12E+00		yr
54749905	Chlorozotocin			1.45E-05		yr
11115745	Chromic Acid			1.51E-05		yr
1333820	Chromic Trioxide			1.28E-05		yr
7738945	Chromic(VI) Acid			1.51E-05		yr

	Chromium Hexavalent: Soluble, Except Chromic Trioxide			6.67E-06		yr
18540299	Chromium(VI)			6.67E-06		yr
218019	Chrysene			9.09E-02		yr
87296	Cinnamyl Anthranilate			7.69E-01		yr
7440484	Cobalt				1.00E-01	24-hr
8007452	Coke Oven Emissions			1.62E-03		yr
	Copper & Compounds				1.00E+02	1-hr
98828	Cumene				4.00E+02	24-hr
135206	Cupferron			1.59E-02		yr
110827	Cyclohexane				6.00E+03	24-hr
50180	Cyclophosphamide (anhydrous)			5.88E-03		yr
6055192	Cyclophosphamide (Hydrated)			6.25E-03		yr
5160021	D & C Red No. 9			6.67E-01		yr
4342034	Dacarbazine			7.14E-05		yr
117102	Dantron			4.55E-02		yr
72548	DDD			1.45E-02		yr
72559	DDE			1.03E-02		yr
50293	DDT			1.03E-02		yr
117817	Di(2-ethylhexyl)phthalate			4.17E-02		yr
333415	Diazinon				9.00E+00	24-hr
226368	Dibenz[a,h]acridine			9.09E-03		yr
53703	Dibenz[a,h]anthracene			8.33E-04		yr
224420	Dibenz[a,j]acridine			9.09E-03		yr
192654	Dibenzo[a,e]pyrene			9.09E-04		yr
189640	Dibenzo[a,h]pyrene			9.09E-05		yr
189559	Dibenzo[a,i]pyrene			9.09E-05		yr
191300	Dibenzo[a,l]pyrene			9.09E-05		yr
124481	Dibromochloromethane			3.70E-02		yr
75092	Dichloromethane			1.00E+00		yr
62737	Dichlorvos			1.20E-02		yr
60571	Dieldrin			2.17E-04		yr
	Diesel Engine Exhaust, Particulate			3.33E-03		yr
111422	Diethanolamine				3.00E+00	24-hr
627441	Diethyl mercury				1.00E-99	24-hr
56531	Diethylstilbestrol			1.00E-05		yr
101906	Diglycidyl Resorcinol Ether			2.04E-03		yr
94586	Dihydrosafrole			7.69E-02		yr
593748	Dimethyl Mercury				1.00E-99	24-hr
79447	Dimethylcarbamoyl Chloride			2.70E-04		yr
513371	Dimethylvinylchloride			7.69E+00		yr
1937377	Direct Black 38			4.76E+04		yr

2602462	Direct Blue 6			4.76E-04		yr
16071866	Direct Brown 95			5.26E-04		yr
2475458	Disperse Blue 1			7.69E-01		yr
298044	Disulfoton				6.00E+00	24-hr
106898	Epichlorohydrin			4.35E-02		yr
50282	Estradiol 17b			9.09E-05		yr
51796	Ethyl Carbamate			3.45E-03		yr
75003	Ethyl Chloride				3.00E+04	24-hr
100414	Ethylbenzene			4.00E-01		yr
107211	Ethylene Glycol				4.00E+02	24-hr
111762	Ethylene glycol monobutyl ether				1.30E+04	24-hr
111159	Ethylene glycol monoethyl ether acetate				3.00E+02	24-hr
110496	Ethylene glycol monomethyl ether acetate				9.00E+01	24-hr
75218	Ethylene oxide			1.14E-02		yr
96457	Ethylene Thiourea			7.69E-02		yr
151564	Ethyleneimine			5.26E-05		yr
10028225	Ferric Sulfate			1.20E+02		1-hr
	Fluoride containing chemicals, NOS				1.30E+01	24-hr
7782414	Fluorine gas F ₂				1.58E+01	24-hr
50000	Formaldehyde			1.67E-01		yr
67458	Furazolidone	NoASIL	A			
98011	Furfural	26 24-hr	B			
98001	Furfuryl alcohol	130 24-hr	B			
	Furium nitrofuran group	NoASIL	B			
60568050	Furmecyclox			1.16E-01		yr
3688537	Furylfuramide			1.45E-02		yr
58899	gamma-Hexachlorocyclohexane			3.23E-03		yr
58899	gamma-Hexachlorocyclohexane	0.0026 annual	A			
7782652	Germanium tetrahydride	2.1 24-hr	B			
67730114	Glu-P-1			7.14E-04		yr
67730103	Glu-P-2			2.50E-03		yr
111308	Glutaraldehyde				8.00E-02	24-hr
111308	Glutaraldehyde	2.5 24-hr	B			
765344	Glycidaldehyde	NoASIL	A			
556525	Glycidol	250 24-hr	B			
	Glycol ethers	5900 24-hr	B			

16568028	Gyromitrin			3.45E-04		yr
7440586	Hafnium	1.7 24-hr	B			
151677	Halothane	1300 24-hr	B			
2784943	HC Blue 1			6.67E-02		yr
76448	Heptachlor			7.69E-05		yr
76448	Heptachlor	0.00077 annual	A			
1024573	Heptachlor epoxide			3.85E-04		yr
37871004	Heptachlorodibenzo-p-dioxins			2.63E-06		yr
37871004	Heptachlorodibenzo-p-dioxins					
142825	Heptane	5500 24-hr	B			
118741	Hexachlorobenzene			1.96E-03		yr
118741	Hexachlorobenzene	0.0022 annual	A			
87683	Hexachlorobutadiene			4.55E-02		yr
87683	Hexachlorobutadiene	0.7 24-hr	B			
608731	Hexachlorocyclohexane			9.09E-04		yr
77474	Hexachlorocyclopentadiene				2.00E-01	24-hr
77474	Hexachlorocyclopentadiene	0.33 24-hr	B			
34465468	Hexachlorodibenzo-p-Dioxins, NOS			2.63E-07		yr
67721	Hexachloroethane			9.09E-02		yr
67721	Hexachloroethane	32 24-hr	B			
1335871	Hexachloronaphthalene	0.67 24-hr	B			
684162	Hexafluoroacetone	2.3 24-hr	B			
680319	Hexamethylphosphoramide	NoASIL	A			
	Hexane other isomers	NoASIL	A			
107415	Hexylene glycol	400 24-hr	B			
302012	Hydrazine			2.04E-04		yr
10034932	Hydrazine Sulfate			1.16E-03		yr
302012	Hydrazine/hydrazine Sulfate	0.0002 annual	A			
10035106	Hydrogen bromide	33 24-hr	B			
7647010	Hydrogen chloride				9.00E+00	24-hr
7647010	Hydrogen chloride	7 24-hr	B			
74908	Hydrogen Cyanide				9.00E+00	24-hr
74908	Hydrogen Cyanide	37 24-hr	B			

7664393	Hydrogen Fluoride				1.40E+01	24-hr
7664393	Hydrogen Fluoride	8.7 24-hr	B			
7722841	Hydrogen peroxide	4.7 24-hr	B			
7783075	Hydrogen Selenide				5.00E+00	1-hr
7783075	Hydrogen Selenide	0.53 24-hr	B			
7783064	Hydrogen Sulfide				2.00E+00	24-hr
7783064	Hydrogen Sulfide	0.9 24-hr	B			
123319	Hydroquinone	6.7 24-hr	B			
95136	Indene	160 24-hr	B			
193395	Indeno[1,2,3-cd]pyrene				9.09E-03	yr
193395	Indeno[1,2,3-cd]pyrene	NoASIL	A			
7440746	Indium & compounds, as In	0.33 24-hr	B			
7553562	Iodine	3.3 24-hr	B			
75478	Iodoform	33 24-hr	B			
1309371	Iron oxide fume, Fe ₂ O ₃ , as Fe	17 24-hr	B			
13463406	Iron pentacarbonyl as Fe	0.83 24-hr	B			
7439896	Iron salts, soluble, as Fe	3.3 24-hr	B			
123922	Isoamyl acetate	1700 24-hr	B			
123513	Isoamyl alcohol	1200 24-hr	B			
110190	Isobutyl acetate	2400 24-hr	B			
78831	Isobutyl alcohol	510 24-hr	B			
26952216	Isocetyl alcohol	890 24-hr	B			
78591	Isophorone				2.00E+03	24-hr
78591	Isophorone	93 24-hr	B			
4098719	Isophorone diisocyanate	0.15 24-hr	B			
109591	Isopropoxyethanol	350 24-hr	B			
108214	Isopropyl acetate	3500 24-hr	B			
67630	Isopropyl Alcohol				3.20E+03	1-hr

67630	Isopropyl Alcohol	3300 24-hr	B			
108203	Isopropyl ether	3500 24-hr	B			
4016142	Isopropyl glycidyl ether	790 24-hr	B			
	Isopropyl oils	0.5 24-hr	A			
75310	Isopropylamine	40 24-hr	B			
463514	Ketene	2.9 24-hr	B			
303344	Lasiocarpine			4.55E-04		yr
100	Lead & Compounds	NoASIL	A			
	Lead & Compounds (NOS)			8.33E-02		yr
1317368	Lead (II) Oxide					
1314416	Lead (II, IV) Oxide					
301042	Lead Acetate			1.25E-02		yr
301042	Lead Acetate	NoASIL	A			
3687318	Lead arsenate as Pb ₃ (AsO ₄) ₂	0.5 24-hr	B			
598630	Lead Carbonate					
7758976	Lead Chromate			4.14E-05		yr
7758976	Lead Chromate	0.04 24-hr	B			
18454121	Lead Chromate Oxide			7.01E-05		yr
1309600	Lead Dioxide					
7439921	Lead metal					
10099748	Lead Nitrate					
1335257	Lead Oxide					
7446277	Lead Phosphate	NoASIL	A			
1335326	Lead Subacetate			9.09E-02		yr
7446142	Lead Sulfate					
12060003	Lead Titanate					
12626812	Lead Titanate Zircon					
68476857	Liquified petroleum gas	6000 24-hr	B			
7580678	Lithium hydride	0.08 24-hr	B			
1309484	Magnesium oxide fume	33 24-hr	B			
121755	Malathion	33 24-hr	B			
108316	Maleic Anhydride				7.00E-01	24-hr
108316	Maleic Anhydride	3.3 24-hr	B			
	Manganese & Compounds				4.00E-02	24-hr
12079651	Manganese cyclopentadienyl tricarbonyl	0.33 24-hr	B			

7439965	Manganese dust & compounds	0.4 24-hr	B			
7439965	Manganese fume	3.3 24-hr	B			
148823	Melphalan			2.70E-05		yr
3223072	Melphalan HCl			2.70E-05		yr
(7439976)	Mercury Aryl & inorganic compounds	0.33 24-hr	B			
(7439976)	Mercury as Hg Alkyl compounds	0.33 24-hr	B			
7439976	Mercury, Elemental				9.00E-02	24-hr
7439976	Mercury, Elemental	0.17 24-hr	B			
141797	Mesityl oxide	200 24-hr	B			
79414	Methacrylic acid	230 24-hr	B			
126987	Methacrylonitrile	9 24-hr	B			
16752775	Methomyl	8.3 24-hr	B			
72435	Methoxychlor	33 24-hr	B			
137053	Methyl 2-cyanoacrylate	30 24-hr	B			
79209	Methyl acetate	2000 24-hr	B			
74997	Methyl acetylene	5500 24-hr	B			
59355758	Methyl acetylene-propadiene mixture	5500 24-hr	B			
96333	Methyl acrylate	120 24-hr	B			
67561	Methyl Alcohol				4.00E+03	24-hr
67561	Methyl Alcohol	870 24-hr	B			
592621	Methyl azoxymethyl acetate	NoASIL	A			
74839	Methyl Bromide				5.00E+00	24-hr
74873	Methyl Chloride				9.00E+01	24-hr
74873	Methyl Chloride	340 24-hr	B			
8022002	Methyl demeton	1.7 24-hr	B			
78933	Methyl Ethyl Ketone				5.00E+03	24-hr
78933	Methyl Ethyl Ketone	1000 24-hr	B			
1338234	Methyl ethyl ketone peroxide	5 24-hr	B			
107313	Methyl formate	820 24-hr	B			

60344	Methyl hydrazine	1.2 24-hr	B			
74884	Methyl iodide	40 24-hr	B			
110123	Methyl isoamyl ketone	780 24-hr	B			
108112	Methyl isobutyl carbinol	350 24-hr	B			
108101	Methyl Isobutyl Ketone				3.00E+03	24-hr
108101	Methyl Isobutyl Ketone	680 24-hr	B			
624839	Methyl Isocyanate				1.00E+00	24-hr
624839	Methyl Isocyanate	0.16 24-hr	B			
563804	Methyl isopropyl ketone	2300 24-hr	B			
74931	Methyl mercaptan	3.3 24-hr	B			
80626	Methyl methacrylate				7.00E+02	24-hr
80626	Methyl methacrylate	1400 24-hr	B			
66273	Methyl Methanesulfonate			3.57E-02		yr
110430	Methyl n-amyl ketone	780 24-hr	B			
591786	Methyl n-butyl ketone	67 24-hr	B			
298000	Methyl parathion	0.67 24-hr	B			
107879	Methyl propyl ketone	2300 24-hr	B			
681845	Methyl silicate	20 24-hr	B			
1634044	Methyl Tertiary Butyl Ether			3.85E+00		yr
1634044	Methyl Tertiary Butyl Ether	500 24-hr	B			
109875	Methylal	10000 24-hr	B			
74895	Methylamine	43 24-hr	B			
71	Methylchrysene[s]					
108872	Methylcyclohexane	5400 24-hr	B			
25639423	Methylcyclohexanol	780 24-hr	B			
12108133	Methylcyclopentadienyl manganese tricarbonyl	0.67 24-hr	B			
5124301	Methylene bis (4-cyclohexylisocyanate)	0.18 24-hr	B			
101688	Methylene diphenyl isocyanate				7.00E-01	24-hr
101688	Methylene diphenyl isocyanate	0.2 24-hr	B			

56042	Methylthiouracil			9.09E-03		yr
21087649	Metribuzin	17 24-hr	B			
7786347	Mevinphos	0.33 24-hr	B			
90948	Michler's ketone			4.00E-03		yr
2385855	Mirex			1.96E-04		yr
2385855	Mirex	NoASIL	A			
50077	Mitomycin C			4.35E-07		yr
7439987	Molybdenum insoluble compounds	33 24-hr	B			
7439987	Molybdenum soluble compounds, as Mo	17 24-hr	B			
315220	Monocrotaline			3.45E-04		yr
6923224	Monocrotophos	0.83 24-hr	B			
110918	Morpholine	240 24-hr	B			
626175	m-Phthalodinitrile	17 24-hr	B			
108441	m-Toluidine	29 24-hr	B			
108383	m-Xylene				2.21E+02	24-hr
1477550	m-Xylene a,a'-diamine	0.33 24-hr	B			
613354	N,N-Diacetylbenzidine	NoASIL	A			
68122	n,n-Dimethylformamide				8.00E+01	24-hr
68122	n,n-Dimethylformamide	30 24-hr	B			
531828	n-[4-(5-nitro-2-furyl)-2-thiazolyl]-acetamide			2.33E-03		yr
531828	n-[4-(5-nitro-2-furyl)-2-thiazolyl]-acetamide	NoASIL	A			
300765	Naled	10 24-hr	B			
628637	n-Amyl acetate	1800 24-hr	B			
91203	Naphthalene			2.94E-02		yr
91203	Naphthalene	170 24-hr	B			
123864	n-Butyl acetate	2400 24-hr	B			
71363	n-Butyl alcohol	500 24-hr	B			
2426086	n-Butyl glycidyl ether	440 24-hr	B			
138227	n-Butyl lactate	83 24-hr	B			
109795	n-Butyl mercaptan	6 24-hr	B			
109739	n-Butylamine	50 24-hr	B			
100743	N-Ethylmorpholine	77 24-hr	B			
110543	n-Hexane				7.00E+02	24-hr
110543	n-Hexane	200 24-hr	B			

7440020	Nickel	0.0021 annual	A			
	Nickel Refinery Dust				4.20E-03	yr
12035722	Nickel Subsulfide				2.04E-03	yr
54115	Nicotine	1.7 24-hr	B			
3570750	Nifurthiazole				1.52E-03	yr
768525	N-Isopropylaniline	37 24-hr	B			
1929824	Nitrapyrin	33 24-hr	B			
7697372	Nitric Acid				8.60E+01	1-hr
7697372	Nitric Acid	17 24-hr	B			
10102439	Nitric oxide	100 24- hr	B			
139139	Nitrilotriacetic acid				6.67E-01	yr
18662538	Nitrilotriacetic acid, trisodium salt monohydrate				3.45E-01	yr
98953	Nitrobenzene	1.7 24-hr	B			
79243	Nitroethane	1000 24- hr	B			
1836755	Nitrofen				4.35E-02	yr
1836755	Nitrofen	NoASIL	A			
609392	Nitrofurans	NoASIL	A			
59870	Nitrofurazone				2.70E-03	yr
59870	Nitrofurazone	NoASIL	A			
10102440	Nitrogen dioxide				4.70E+02	1-hr
126852	Nitrogen mustard N-oxide	NoASIL	A			
302705	Nitrogen mustard N-oxide hydrochloride	NoASIL	A			
7783542	Nitrogen trifluoride	97 24-hr	B			
55630	Nitroglycerin	1.5 24-hr	B			
75525	Nitromethane	830 24- hr	B			
88722	Nitrotoluene	37 24-hr	B			
100618	N-Methyl aniline	7.3 24-hr	B			
70257	n-Methyl-n-nitro-n- nitrosoguanidine				4.17E-04	yr
1116547	n-Nitrosodiethanolamine				1.25E-03	yr
55185	n-Nitrosodiethylamine				1.00E-04	yr
55185	n-Nitrosodiethylamine	0.000023 annual	A			
62759	n-Nitrosodimethylamine				2.17E-04	yr
62759	n-Nitrosodimethylamine	0.000071 annual	A			
924163	n-Nitroso-di-n-butylamine				3.23E-04	yr

924163	n-Nitroso-di-n-butylamine	0.00063 annual	A			
621647	n-Nitrosodi-n-propylamine			5.00E-04		yr
621647	n-Nitrosodi-n-propylamine	NoASIL	A			
86306	n-Nitrosodiphenylamine			3.85E-01		yr
86306	n-Nitrosodiphenylamine	NoASIL	A			
59892	n-Nitrosomorpholine			5.26E-04		yr
59892	n-Nitrosomorpholine	NoASIL	A			
759739	n-Nitroso-n-ethylurea			1.30E-04		yr
759739	n-Nitroso-n-ethylurea	NoASIL	A			
10595956	n-Nitroso-n-methylethylamine			1.59E-04		yr
10595956	n-Nitroso-n-methylethylamine	NoASIL	A			
684935	n-Nitroso-n-methylurea			2.94E-05		yr
684935	n-Nitroso-n-methylurea	NoASIL	B			
615532	n-Nitroso-n-Methylurethane			3.23E-05		yr
615532	n-Nitroso-n-Methylurethane	NoASIL	A			
16543558	n-Nitrosornicotine			2.50E-03		yr
100754	n-Nitrosopiperidine			3.70E-04		yr
930552	n-Nitrosopyrrolidine			1.67E-03		yr
930552	n-Nitrosopyrrolidine					
111842	Nonane	3500 24- hr	B			
	N-Phenyl-2-naphthylamine	NoASIL	A			
109604	n-Propyl acetate	2800 24- hr	B			
71238	n-Propyl alcohol	1600 24- hr	B			
627134	n-Propyl nitrate	360 24- hr	B			
110623	n-Valeraldehyde	590 24- hr	B			
90040	o-Anisidine			2.50E-02		yr
90040	o-Anisidine	1.7 24-hr	A			
134292	o-Anisidine Hydrochloride			3.23E-02		yr
2698411	o-Chlorobenzylidene malonitrile	1.3 24-hr	B			
2039874	o-Chlorostyrene	940 24- hr	B			
95498	o-Chlorotoluene	860 24- hr	B			
2234131	Octachloronaphthalene	0.33 24- hr	B			
111659	Octane	4700 24- hr	B			

95501	o-Dichlorobenzene	1000 24-hr	B			
8012951	Oil mist, mineral	17 24-hr	B			
2646175	Oil orange SS	NoASIL	A			
583608	o-Methylcyclohexanone	760 24-hr	B			
132274	o-Phenylphenate, Sodium			1.16E+00		yr
97563	ortho-Aminoazotoluene			9.09E-04		yr
97563	ortho-Aminoazotoluene	NoASIL	A			
89725	o-sec-Butylphenol	100 24-hr	B			
20816120	Osmium tetroxide as Os	0.0053 24-hr	B			
95534	o-Toluidine			1.96E-02		yr
95534	o-Toluidine	0.14 annual	A			
636215	o-Toluidine Hydrochloride			2.70E-02		yr
636215	o-Toluidine Hydrochloride	0.14 annual	A			
144627	Oxalic acid	3.3 24-hr	B			
7783417	Oxygen difluoride	0.37 24-hr	B			
95476	o-Xylene				2.21E+02	24-hr
10028156	Ozone				1.80E+02	1-hr
	P(p)(a,a,a)-Tetrachlorotoluene	0.00048 annual	A			
794934	Panfuran S	NoASIL	A			
120718	para-Cresidine			2.33E-02		yr
8002742	Parafin wax fume	6.7 24-hr	B			
4685147	Paraquat	4.5 24-hr	B			
56382	Parathion	0.33 24-hr	B			
95692	p-Chloro-o-toluidine			1.30E-02		yr
19624227	Pentaborane	0.043 24-hr	B			
32534819	Pentabromodiphenyl Ether				6.00E+00	24-hr
36088229	Pentachlorodibenzo-p-dioxin					
1321648	Pentachloronaphthalene	1.7 24-hr	B			
82688	Pentachloronitrobenzene	1.7 24-hr	B			
87865	Pentachlorophenol			2.17E-01		yr
87865	Pentachlorophenol	0.33 annual	A			

109660	Pentane	6000 24-hr	B			
127184	Perchloroethylene			1.69E-01		yr
127184	Perchloroethylene	1.1 annual	A			
594423	Perchloromethyl mercaptan	2.5 24-hr	B			
7616946	Perchloryl fluoride	43 24-hr	B			
62442	Phenacetin			1.59E+00		yr
85018	Phenanthrene					
94780	Phenazopyridine			2.04E-02		yr
136403	Phenazopyridine hydrochloride			2.33E-02		yr
3546109	Phenesterin			2.33E-05		yr
50066	Phenobarbital			7.69E-03		yr
108952	Phenol				2.00E+02	24-hr
108952	Phenol	63 24-hr	B			
92842	Phenothiazine	1.7 24-hr	B			
59961	Phenoxybenzamine			1.12E-03		yr
63923	Phenoxybenzamine hydrochloride			1.30E-03		yr
63923	Phenoxybenzamine hydrochloride	NoASIL	A			
101848	Phenyl ether	23 24-hr	B			
122601	Phenyl glycidyl ether	2000 24-hr	B			
108985	Phenyl mercaptan	7.7 24-hr	B			
100630	Phenylhydrazine	1.5 24-hr	B			
638211	Phenylphosphine	0.77 24-hr	B			
298022	Phorate	0.17 24-hr	B			
75445	Phosgene				3.00E-01	24-hr
75445	Phosgene	1.3 24-hr	B			
7803512	Phosphine				8.00E-01	24-hr
7803512	Phosphine	1.3 24-hr	B			
7664382	Phosphoric Acid				7.00E+00	24-hr
7664382	Phosphoric Acid	3.3 24-hr	B			
7723140	Phosphorus				2.00E+01	24-hr
7723140	Phosphorus	0.33 24-hr	B			

10025873	Phosphorus oxychloride	2.1 24-hr	B			
10026138	Phosphorus pentachloride	2.8 24-hr	B			
1314803	Phosphorus pentasulfide	3.3 24-hr	B			
7719122	Phosphorus trichloride	3.7 24-hr	B			
85449	Phthalic Anhydride				2.00E+01	24-hr
85449	Phthalic Anhydride	20 24-hr	B			
1918021	Picloram	33 24-hr	B			
88891	Picric acid	0.33 24-hr	B			
83261	Pindone	0.033 24-hr	B			
142643	Piperazine dihydrochloride	17 24-hr	B			
7440064	Platinum metal	3.3 24-hr	B			
8163672	Platinum Soluble salts as Pt	0.0067 24-hr	B			
100016	p-Nitroaniline	10 24-hr	B			
100005	p-Nitrochlorobenzene	2 24-hr	B			
100027	p-Nitrophenol	NoASIL	B			
156105	p-Nitrosodiphenylamine				1.59E-01	yr
	Polyaromatic hydrocarbons per WAC 173-460-050(4)(c)	0.0013 annual	A			
	Polybrominated Biphenyls				1.16E-04	yr
1336363	Polychlorinated Biphenyls	0.0045 annual	A			
	Polychlorinated Biphenyls, NOS				1.75E-03	yr
54	Polychlorinated Dibenzofurans, Total	NoASIL				
3564098	Ponceau 3R				2.17E-01	yr
3761533	Ponceau MX				7.69E-01	yr
3761533	Ponceau MX	NoASIL	A			
7758012	Potassium Bromate				7.14E-03	yr
1310583	Potassium hydroxide	6.7 24-hr	B			
106503	p-Phenylenediamine	0.33 24-hr	B			
	primary Aluminum smelter uncontrolled roof vent PAH emissions per WAC 173-460-050(4)(d)	17 24-hr	B			
671169	Procarbazine				2.50E-04	yr

366701	Procarbazine Hydrochloride			2.94E-04		yr
107197	Propargyl alcohol	7.7 24-hr	B			
123386	Propionaldehyde	NoASIL	B			
79094	Propionic acid	100 24-hr	B			
114261	Propoxur	1.7 24-hr	B			
115071	Propylene				3.00E+03	24-hr
57556	Propylene Glycol				2.85E+01	24-hr
6423434	Propylene Glycol Dinitrate				2.76E-01	24-hr
6423434	Propylene Glycol Dinitrate	1.1 24-hr	B			
107982	Propylene glycol monomethyl ether				7.00E+03	24-hr
107982	Propylene glycol monomethyl ether	2000 24-hr	B			
75558	Propylene imine	16 24-hr	B			
75569	Propylene oxide			2.70E-01		yr
75569	Propylene oxide	0.27 annual	A			
51525	Propylthiouracil			3.45E-03		yr
98511	p-tert-Butyltoluene	200 24-hr	B			
106490	p-Toluidine	29 24-hr	B			
106423	p-Xylene				2.21E+02	24-hr
129000	Pyrene					
8003347	Pyrethrum	1.7 24-hr	B			
110861	Pyridine	53 24-hr	B			
91225	Quinoline	NoASIL	B			
106514	Quinone	1.5 24-hr	B			
	Refractory Ceramic Fibers			fibers/cc	3.00E-02	24-hr
50555	Reserpine			3.23E-04		yr
108463	Resorcinol	150 24-hr	B			
7440166	Rhodium Insoluble compounds	3.3 24-hr	B			
7440166	Rhodium metal	3.3 24-hr	B			
7440166	Rhodium Soluble compounds	0.033 24-hr	B			
299843	Ronnel	33 24-hr	B			
83794	Rotenone	17 24-hr	B			
8030306	Rubber solvent Naptha	5300 24-hr	B			

94597	Safrole			1.59E-02		yr
626380	sec-Amyl acetate	2200 24-hr	B			
105464	sec-Butyl acetate	3200 24-hr	B			
78922	sec-Butyl alcohol	1000 24-hr	B			
108849	sec-Hexyl acetate	980 24-hr	B			
	Selenium & Selenium Compounds (other than Hydrogen Selenide)				2.00E+01	24-hr
7782492	Selenium compounds, as Se	0.67 24-hr	B			
7783791	Selenium hexafluoride as Se	0.53 24-hr	B			
136787	Sesone	33 24-hr	B			
85535848	Short-chain (C10-13) chlorinated paraffins			4.00E-02		yr
7631869	Silica (crystalline, Respirable)				3.00E+00	24-hr
7803625	Silicon tetrahydride	22 24-hr	B			
7440224	Silver metal	0.33 24-hr	B			
7440224	Silver soluble compounds, as Ag	0.033 24-hr	B			
7784465	Sodium arsenite					
26628228	Sodium azide	1 24-hr	B			
7631905	Sodium bisulfite	17 24-hr	B			
62748	Sodium fluoroacetate	0.17 24-hr	B			
1310732	Sodium Hydroxide				8.00E+00	1-hr
1310732	Sodium Hydroxide	6.7 24-hr	B			
7681574	Sodium metabisulfite	17 24-hr	B			
7757826	Sodium Sulfate				1.20E+02	
10048132	Sterigmatocystin			1.00E-04		yr
7803523	Stibine	1.7 24-hr	B			
18883664	Streptozotocin			3.23E-05		yr
57249	Strychnine	0.5 24-hr	B			
100425	Styrene				9.00E+02	24-hr
100425	Styrene	1000 24-hr	B			
9693	Styrene oxide	NoASIL	B			
96093	Styrene Oxide			2.17E-02		yr

1395217	Subtilisins	0.0002 24-hr	B			
95067	Sulfallate			1.85E-02		yr
3689245	Sulfotep	0.67 24- hr	B			
7446095	Sulfur dioxide				6.60E+02	1-hr
2551624	Sulfur hexafluoride	20000 24-hr	B			
10025679	Sulfur monochloride	18 24-hr	B			
505602	Sulfur Mustard				7.00E-01	24-hr
5714227	Sulfur pentafluoride	0.33 24- hr	B			
7783600	Sulfur tetrafluoride	1.5 24-hr	B			
7664939	Sulfuric Acid				1.00E+00	24-hr
7664939	Sulfuric Acid	3.3 24-hr	B			
2699798	Sulfuryl fluoride	67 24-hr	B			
35400432	Sulprofos	3.3 24-hr	B			
1314610	Tantalum metal & oxide dusts	17 24-hr	B			
13494809	Tellurium & compounds, as Te	0.33 24- hr	B			
7783804	Tellurium hexafluoride as Te	0.33 24- hr	B			
3383968	Temephos	33 24-hr	B			
107493	TEPP	0.16 24- hr	B			
26140603	Terphenyls	16 24-hr	B			
540885	tert-Butyl acetate	3200 24- hr	B			
75650	tert-Butyl alcohol	1000 24- hr	B			
1189851	tert-Butyl chromate as CrO3	0.33 24- hr	B			
79947	Tetrabromobisphenol A					
40088479	Tetrabromodiphenyl Ether				6.00E+00	24-hr
30402143	Tetrachlorodibenzofurans, Total					
41903575	Tetrachlorodibenzo-p- dioxins, Total					
1335882	Tetrachloronaphthalene	6.7 24-hr	B			
78002	Tetraethyl lead as Pb	0.33 24- hr	B			
109999	Tetrahydrofuran	2000 24- hr	B			

75741	Tetramethyl lead as Pb	0.5 24-hr	B			
3333526	Tetramethyl succinonitrile	9.3 24-hr	B			
509148	Tetranitromethane	27 24-hr	B			
7722885	Tetrasodium pyrophosphate	17 24-hr	B			
479458	Tetryl	5 24-hr	B			
7440280	Thallium soluble compounds, Tl	0.33 24-hr	B			
62555	Thioacetamide			5.88E-04		yr
68111	Thioglycolic acid	13 24-hr	B			
7719097	Thionyl chloride	16 24-hr	B			
62566	Thiourea			4.76E-02		yr
137268	Thiram	3.3 24-hr	B			
1314201	Thorium dioxide	NoASIL	A			
7440315	Tin metal	6.7 24-hr	B			
	Tin Organic compounds, as Sn	0.33 24-hr	B			
	Tin oxide & inorganic except SnH4	6.7 24-hr	B			
7550450	Titanium Tetrachloride				1.00E-01	24-hr
7550450	Titanium Tetrachloride	NoASIL	B			
108883	Toluene				5.00E+03	24-hr
108883	Toluene	400 24-hr	B			
584849	Toluene-2,4-diisocyanate	0.12 24-hr	A			
	Toluene-2,4-diisocyanate (584849) and Toluene-2,6-diisocyanate (91087)				7.00E-02	24-hr
8001352	Toxaphene			2.94E-03		yr
8001352	Toxaphene	0.0031 annual	A			
156605	Trans-1,2-dichloroethene				8.07E+02	24-hr
55738540	Trans-2[(dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)-vinyl]-1,3,4-oxadiazole			7.69E-03		yr
55738540	Trans-2[(dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)-vinyl]-1,3,4-oxadiazole	NoASIL	A			
14567738	Tremolite					
126738	Tributyl phosphate	7.3 24-hr	B			

76039	Trichloroacetic acid	22 24-hr	B			
79016	Trichloroethylene			5.00E-01		yr
79016	Trichloroethylene	0.59 annual	A			
75694	Trichlorofluoromethane	19000 24-hr	B			
1321659	Trichloronaphthalene	17 24-hr	B			
1319773	Tricresol	73 24-hr	B			
121448	Triethylamine				2.00E+02	24-hr
121448	Triethylamine	7 24-hr	B			
75638	Trifluorobromomethane	20000 24-hr	B			
1582098	Trifluralin	NoASIL	B			
552307	Trimellitic anhydride	0.13 24-hr	B			
2551137	Trimethyl benzene	420 24-hr	B			
121459	Trimethyl phosphite	33 24-hr	B			
75503	Trimethylamine	80 24-hr	B			
78308	Triorthocresyl phosphate	0.33 24-hr	B			
603349	Triphenyl amine	17 24-hr	B			
115866	Triphenyl phosphate	10 24-hr	B			
52244	tris-(1-Aziridinyl)phosphine sulfide			2.94E-04		yr
126727	Tris(2,3-dibromopropyl)phosphate			1.52E-03		yr
62450060	Tryptophan-P-1			1.35E-04		yr
62450071	Tryptophan-P-2			1.10E-03		yr
7440337	Tungsten insoluble compounds	17 24-hr	B			
7440337	Tungsten soluble compounds	3.3 24-hr	B			
8006642	Turpentine	1900 24-hr	B			
7440611	Uranium, Natural	0.67 24-hr	B			
7440622	Vanadium				2.00E-01	24-hr
1314621	Vanadium Pentoxide				3.00E+01	1-hr
108054	Vinyl acetate				2.00E+02	24-hr
108054	Vinyl acetate	200 24-hr	B			
593602	Vinyl Bromide				3.00E+00	24-hr
593602	Vinyl Bromide	73 24-hr	B			
75014	Vinyl Chloride			1.28E-02		yr
75014	Vinyl Chloride	0.012 annual	A			

106876	Vinyl cyclohexene dioxide	200 24-hr	B			
25013154	Vinyl toluene	800 24-hr	B			
8032324	VM & P Naphtha	4600 24-hr	B			
81812	Warfarin	0.33 24-hr	B			
	Welding fumes					
1330207	Xylenes (m,o,p-isomers)	1500 24-hr	B			
1300738	Xylidine mixed isomers	8.3 24-hr	B			
7440655	Yttrium metal and compounds, as Y	3.3 24-hr	B			
7646857	Zinc chloride fume	3.3 24-hr	B			
13530659	Zinc Chromate	0.033 24-hr	B			
1314132	Zinc oxide fume	17 24-hr	B			
7440677	Zirconium compounds, as Zr	17 24-hr	B			