Amend Env-A 1450.01, table 1450-1, effective 5-8-98 (Doc. #6739-B), so that the following regulated toxic air pollutants in Table 1450-1 read as follows:

CAS Number	Description	OEL (mg/m^3)	Toxicity Class[A]	Time Category [B]	24-Hr AAL (ug/m^3)	Annual AAL (ug/m^3)	24-Hr Deminimis[C] (lb/hr)	Annual Deminimis (lb/yr)
~~0 - 00 - 0~~	~~Coal Dust~~	~~2~~	~~II~~	~~D~~	~~10~~	~~6.707~~	~~9.42E-04~~	~~2.20E+01~~
0-00-0	***Coal Dust (bituminous)***	***0.9***	***II***	***D***	***4.527***	***3.018***	***4.24E-04***	***9.90E+00***
0-00-0	***Coal Dust (anthracite)***	***0.4***	***II***	***D***	***2.012***	***1.341***	***1.88E-04***	***4.40E+00***
0-00-00	~~Polytetrafluorethylene~~ ***Polytetrafluoroethylene, decomp. products***		II	D				**
0-00-0	~~Vegatable~~ ***Vegetable Oil Mist***	10	II	A	417	99	3.90E-02	3.25E+02
57-74-9	Chlordane	0.5	I	D	1.786	~~1.190~~ ***0.700***	1.67E-04	~~3.91E+00~~ ***2.30E+00***
78-78-4	***Pentane***	***1770***	***III***	***B***	***36875***	***17560***	***3.45E+00***	***5.76E+04***
80-62-6	Methyl Methacrylate	410	I	D	1464	~~976~~ ***700***	1.37E-01	~~3.20E+03~~ ***2.30E+03***
91-20-3	Naphthalene	52	I	D	186	~~124~~ ***3***	1.74E-02	~~4.06E+02~~ ***9.84E+00***
96-22-0	Diethyl ketone	705	II	~~A~~ ***B***	~~9930~~ ***4965***	2364	~~9.30E-01~~ ***4.65E-01***	7.76E+03
106-92-3	Allyl glycidyl ether	~~23~~ ***4.67***	II	D	~~116~~ ***23***	~~77~~ ***16***	~~1.08E-02~~ ***2.20E-03***	~~2.53E+02~~ ***5.14E+01***
137-05-3	Methyl 2-cyanoacrylate	~~9.1~~ ***0.91***	II	D	~~46~~ ***4.577***	~~22~~ ***3.052***	~~4.62E-03~~ ***4.29E-04***	~~7.11E+01~~ ***1.00E+00***
463-82-1	***Pentane***	***1770***	***III***	***B***	***36875***	***17560***	***3.45E+00***	***5.76E+04***
592-41-6	***1-Hexane***	***103***	***III***	***A***	***4292***	***1022***	***4.02E-01***	***3.35E+03***
1304-56-9	Beryllium Oxide (as beryllium)	0.002	I	D	~~0.007~~ ***0.02***	~~0.005~~ ***0.02***	~~6.69E-07~~ ***1.87E-06***	~~1.56E-02~~ ***6.56E-02***
4170-30-3	Crotonaldehyde	~~5.7~~ ***0.86***	I	D	~~20~~ ***3.071***	~~14~~ ***2.048***	~~1.91E-03~~ ***2.88E-04***	~~4.45E+01~~ ***6.72E+00***
7085-85-0	***Ethyl cyanoacrylate***	***1***	***III***	***A***	***42***	***9.921***	***3.90E-03***	***3.25E+01***
7440-41-7	Beryllium ***and cmpds (as Be)***	0.002	I	D	~~0.007~~ ***0.02***	~~0.005~~ ***0.02***	~~6.69E-07~~ ***1.87E-06***	~~1.56E-02~~ ***6.56E-02***
12035-72-2	***Nickel subsulfide (as Ni)***	***0.1***	***I***	***D***	***0.357***	***0.238***	***3.34E-05***	***7.81E-01***

Amend Env-A 1450.01, table 1450-1, effective 5-8-98 (Document #6739B), as amended effective 9-22-00 (Document #7345), by inserting "methyl vinyl ketone," "vinyl fluoride," "vinylidene fluoride," "bis(2-dimethylaminoethyl)ether (DMAEE)," "ethyl tert-butyl ether (ETBE)," "flour dust," "p,p'-oxybis(benzenesulfonyl hydrazide)," "pentyl acetate (all isomers)," "tetrafluoroethylene," deleting the individual ambient air limits for sec-Amyl acetate and n-Amyl acetate, and amending other regulated toxic air pollutants, so that the following regulated toxic air pollutants in Table 1450-1 read as follows:

CAS Number	Description	OEL (mg/m^3)	Toxicity Class[A]	Time Category [B]	24-Hr AAL (ug/m^3)	Annual AAL (ug/m^3)	24-Hr Deminimis[C] (lb/hr)	Annual Deminimis (lb/yr)
	Flour Dust	***5.0***	***III***	***A***	***21***	***4.960***	***1.95E-03***	***1.63E+01***
	Pentyl acetate (all isomers)***	***2663***	***III***	***A***	***11096***	***2642***	***1.14E+00***	***8.67E+03***
75-01-4	Vinyl chloride	~~13~~ ***2.60***	I	D	~~46~~ ***100***	~~31~~ ***100***	~~4.35E-03~~ ***9.36E-03***	~~1.02E+02~~ ***3.28E+02***
75-02-5	***Vinyl fluoride***	***1.90***	***I***	***D***	***6.786***	***4.524***	***6.35E-04***	***1.48E+01***
75-05-8	Acetonitrile	67	I	D	239	~~160~~ ***60***	2.24E-02	~~5.23E+02~~ ***1.97E+02***
75-38-7	***Vinylidene fluoride***	***1310***	***III***	***A***	***54583***	***12996***	***5.11E+00***	***4.26E+04***
75-99-0	2,2-dichloropropionic acid	~~5.8~~ ***5.0***	III	D	~~86~~ ***74***	~~58~~ ***50***	~~8.08E-03~~ ***6.97E-03***	~~1.89E+02~~ ***1.63E+02***
78-94-4	***Methyl vinyl ketone***	***0.573***	***I***	***C***	***2.292***	***1.364***	***2.15E-04***	***4.48E+00***
80-51-3	***p,p'-oxybis(benzenesulfonyl hydrazide)***	***0.1***	***III***	***A***	***4.167***	***0.992***	***3.90E-04***	***3.25E+00***
80-62-6	Methyl methacrylate	~~420~~ ***205***	I	D	~~1464~~ ***732***	700	~~1.37E-01~~ ***6.85E-02***	2.30E+03
98-82-8	Cumene	246	II	D	1237	400	1.16E-01	~~2.71E+03~~ ***1.31E+03***
107-18-6	Allyl alcohol	~~4.8~~ ***1.2***	I	D	~~17~~ ***4.286***	~~11~~ ***2.857***	~~1.61E-03~~ ***4.01E-04***	~~3.75E-01~~ ***9.37E-04***
108-31-6	Maleic anhydride	~~1~~ ***0.4***	II	D	~~5.030~~ ***2.012***	~~3.353~~ ***1.341***	~~4.71E-04~~ ***1.88E-04***	~~3.39E+03~~ ***4.40E+00***
111-76-2	2-butoxyethanol	~~121~~ ***96.7***	I	D	~~432~~ ***13000***	~~288~~ ***13000***	~~4.05E-02~~ ***1.22E+00***	~~9.45E+02~~ ***4.27E+04***
116-14-3	***Tetrafluoroethylene***	***8.2***	***III***	***B***	***171***	***81***	***1.60E-02***	***2.67E+02***
123-91-1	Dioxane	~~90~~ ***72.1***	I	D	~~321~~ ***258***	~~214~~ ***172***	~~3.01E-02~~ ***2.41E-02***	~~7.03E+02~~ ***5.63E+02***

CAS Number	Description	OEL (mg/m^3)	Toxicity Class[A]	Time Category [B]	24-Hr AAL (ug/m^3)	Annual AAL (ug/m^3)	24-Hr Deminimis[C] (lb/hr)	Annual Deminimis (lb/yr)
123-92-2	***Isopentyl acetate (see pentyl acetate)***							
141-32-2	n-Butyl acrylate	~~52~~ ***10.5***	I	B	~~260~~ ***52***	~~124~~ ***25***	~~2.43E-02~~ ***4.92E-03***	~~4.06E+02~~ ***8.20E+01***
593-60-2	Vinyl bromide	~~22~~ ***2.2***	I	D	~~79~~ ***7.857***	3	~~7.36E-03~~ ***7.36E-04***	9.84E+00
620-11-1	***3-amyl acetate (see pentyl acetate)***							
624-41-9	***1-butanol, 2-methyl-acetate (see pentyl acetate)***							
625-16-1	***Tert-amyl acetate (see pentyl acetate)***							
626-38-0	Sec-amyl acetate (see pentyl acetate)	~~665~~	~~III~~	~~D~~	~~9896~~	~~6597~~	~~9.27E-01~~	~~2.16E+04~~
628-63-7	n-amyl acetate (see pentyl acetate)	~~532~~	~~II~~	~~D~~	~~2676~~	~~1784~~	~~2.51E-01~~	~~5.85E+03~~
637-92-3	***Ethyl tert-butyl ether (ETBE)***	***20.9***	***II***	***B***	***147***	***70***	***1.38E-02***	***2.3E+02***
3033-62-3	***Bis(2-dimethylaminoethyl)ether (DMAEE)***	***0.328***	***I***	***B***	***1.640***	***0.781***	***1.54E-04***	***2.56E+00***
14808-60-7	Quartz	~~0.1~~ ***0.05***	II	D	~~0.503~~ ***0.357***	~~0.168~~ ***0.238***	~~4.71E-05~~ ***3.34E-05***	~~1.10E+00~~ ***7.81E-01***

*** The isomers comprising pentyl acetate are: CAS Number 123-92-2, isopentyl acetate; CAS Number 620-11-1, 3-Amyl acetate; CAS Number 624-41-9, 1-Butanol, 2-methyl-, acetate; CAS Number 625-16-1, tert-Amyl acetate; CAS Number 626-38-0, sec-Amyl acetate; and CAS Number 628-63-7, n-Amyl acetate. The ambient air limits for pentyl acetate are for emissions of any individual isomer, should only one isomer be emitted, or for any mixture of isomers if more than one is present.

Amend Env-A 1450.01, table 1450-1, effective 5-8-98 (document #6739 B), as amended effective 9-22-00 (document #7345), as amended 12-28-01 (document #7616), by inserting "Glyoxal," "molybdenum, as Mo; (metal and insoluble) inhalable," "molybdenum, as Mo; (metal and insoluble) respirable," "refractory ceramic fibers," and "polyethylene glycol," and amending other regulated toxic air pollutants, so that the following regulated toxic air pollutants in Table 1450-1 read as follows:

CAS Number	Description	Toxicity Class [A]	24-Hr AAL (µg/m³)	Annual AAL (µg/m³)	24-Hr Deminimis [B] (lbs/hr day)	Annual Deminimis (lbs/yr)
00-00-0	***Refractory ceramic fibers***	***I***	***0.71***	***0.48***	***0.0056***	***2.0***
75-56-9	Propylene oxide	I	~~171~~ ***30***	30	~~1.61E-02~~ ***0.24***	~~9.84E+01~~ ***86***
77-47-4	Hexachlorocyclopentadiene (HCCPD)	II	~~0.553~~ ***0.55***	~~0.369~~ ***0.20***	~~5.18E-05~~ ***0.0043***	~~1.21E+00~~ ***1.6***
107-22-2	***Glyoxal***	II	***0.70***	***0.34***	***0.0055***	***2.0***
128-37-0	2,6-Di-Tert-butyl-p-cresol ***Butylated hydroxytoluene (BHT)***	II	~~50~~ ***10***	~~34~~ ***6.7***	~~4.71E-03~~ ***0.079***	~~1.10E+02~~ ***294***
7439-98-7	Molybdenum, ***as Mo***; (Soluble compounds) ***respirable***	I	~~18~~ ***1.8***	~~12~~ ***1.2***	~~1.67E-03~~ ***0.014***	~~3.91E+01~~ ***5.2***
7439-98-7	Molybdenum, ***as Mo***; (metal and Iinsoluble) Compounds ***inhalable***	I	36	24	~~3.34E-03~~ ***0.28***	~~7.81E+01~~ ***103***
7439-98-7	***Molybdenum, as Mo; (metal and insoluble) respirable***	***I***	***11***	***7.1***	***0.087***	***32***
7440-47-3	Chromium, water soluble (***Cr VI***)	I	~~0.179~~ ***0.18***	~~0.119~~ ***0.12***	~~1.67E-05~~ ***0.0014***	~~3.91E-01~~ ***0.51***
7440-47-3	Chromium, metal (***Cr III compounds***)	I	~~1.786~~ ***1.8***	~~1.190~~ ***1.2***	~~1.67E-04~~ ***0.014***	~~3.91E+00~~ ***5.1***
7440-47-3	Chromium, insoluble (***Cr VI compounds***)	I	0.036	0.024	~~3.34E-06~~ ***0.00028***	~~7.81E-02~~ ***0.10***
8052-42-4	Asphalt (petroleum) fume (***as total particulate***)	II	25	17	~~2.35E-03~~ ***0.20***	~~5.50E+01~~ ***72***
25322-68-3	***Polyethylene glycol***	***III***	***208***	***99***	***1.6***	***597***

Amend Env-A 1450.01(a), table 1450-1, effective 6-11-04 (Document #8095):

CAS Number	Description	Toxicity Class [A]	24-Hr AAL (µg/m³)	Annual AAL (µg/m³)	24-Hr De Minimis [B] (lbs/day)	Annual De Minimis (lbs/yr)
52 – 68 – 6	***Trichlorophon***	***I***	***3.6***	***2.4***	***0.028***	***10***
56 – 38 – 2	Parathion	I	~~0.36~~ ***0.18***	~~0.24~~ ***0.12***	~~0.0028~~ ***0.0014***	~~1.0~~ ***0.51***
62 – 73 – 7	Dichlorvos	I	~~3.2~~ ***0.50***	0.50	~~0.025~~ ***0.0039***	~~8.2~~ ***1.4***
67 – 63 – 0	~~Isopropyl alcohol~~ ***Isopropanol***	~~II~~ ***I***	~~4945~~ ***1757***	~~3296~~ ***1171***	~~39~~ ***14***	~~14194~~ ***5044***
71 – 36 – 3	n-Butanol	II	~~856~~ ***305***	~~510~~ ***203***	~~6.7~~ ***2.4***	~~2458~~ ***875***
75 – 01 – 4	Vinyl chloride	I	~~100~~ ***9.3***	~~100~~ ***6.2***	~~0.79~~ ***0.073***	~~287~~ ***27***
75 – 05 – 8	Acetonitrile	I	~~239~~ ***120***	60	~~1.9~~ ***0.94***	~~686~~ ***344***
75 – 35 – 4	Vinylidene chloride	II	~~101~~ ***200***	~~67~~ ***200***	~~0.79~~ ***1.6***	~~289~~ ***574***
75 – 56 – 9	Propylene oxide	I	~~30~~ ***17***	~~30~~ ***11***	~~0.24~~ ***0.13***	~~86~~ ***48***
78 – 34 – 2	Dioxathion	I	~~0.71~~ ***0.36***	~~0.48~~ ***0.24***	~~0.0056~~ ***0.0028***	~~2.0~~ ***1.0***
78 – 89 – 7	***2-Chloro-1-propanol***	***II***	***27***	***13***	***0.21***	***78***
80 – 56 – 8	***Pinene (alpha)***	***II***	***558***	***372***	***4.4***	***1603***
88 – 12 – 0	***N-Vinyl-2-pyrrolidone***	***II***	***3.4***	***2.3***	***0.027***	***10***
95 – 47 – 6	Xylene, o-isomers	I	1550	~~1033~~ ***100***	12	~~4449~~ ***1641***
105 – 60 – 2	Caprolactam, ~~dust~~	I	~~3.6~~ ***18***	~~2.4~~ ***12***	~~0.028~~ ***0.14***	~~10~~ ***51***
~~105 – 60 – 2~~	~~Caprolactam, vapor~~	~~I~~	~~82~~	~~55~~	~~0.65~~	~~236~~

CAS Number	Description	Toxicity Class [A]	24-Hr AAL (µg/m³)	Annual AAL (µg/m³)	24-Hr De Minimis [B] (lbs/day)	Annual De Minimis (lbs/yr)
106 – 42 – 3	Xylene, p-isomers	I	1550	~~1033~~ ***100***	12	~~4449~~ ***1641***
106 – 99 – 0	1,3 Butadiene	I	~~16~~ ***2.0***	~~10~~ ***2.0***	~~0.12~~ ***0.016***	~~45~~ ***5.7***
108 – 10 – 1	Methyl isobutyl ketone (***MIBK***)	I	~~1025~~ ***3000***	~~488~~ ***3000***	~~8.1~~ ***24***	~~2942~~ ***8612***
108 – 21 – 4	Isopropyl Acetate	III	~~21667~~ ***8708***	~~10317~~ ***4147***	~~170~~ ***68***	~~62197~~ ***24998***
108 – 38 – 3	Xylene, m-isomers	I	1550	~~1033~~ ***100***	12	~~4449~~ ***1641***
108 – 94 – 1	Cyclohexanone	II	~~503~~ ***404***	~~335~~ ***269***	~~4.0~~ ***3.2***	~~1444~~ ***1159***
110 – 82 – 7	Cyclohexane	II	~~5181~~ ***1731***	~~3454~~ ***1154***	~~41~~ ***14***	~~14873~~ ***4970***
121 – 75 – 5	Malathion	I	~~36~~ ***3.6***	~~24~~ ***2.4***	~~0.28~~ ***0.028***	~~103~~ ***10***
123 – 38 – 6	Propionaldehyde	II	239	159	1.9	~~*~~ ***686***
~~124 – 38 – 9~~	~~Carbon dioxide~~	~~II~~	~~45272~~	~~30181~~	~~356~~	~~129958~~
127 – 00 – 4	***1-Chloro-2-propanol***	***II***	***28***	***13***	***0.21***	***78***
127 – 91 – 3	***Pinene (beta)***	***II***	***558***	***372***	***4.4***	***1603***
141 – 66 – 2	Dicrotophos	I	~~0.89~~ ***0.18***	~~0.60~~ ***0.12***	~~0.0070~~ ***0.0014***	~~2.6~~ ***0.51***
149 – 57 – 5	***2-Ethylhexanoic acid***	***I***	***18***	***12***	***0.14***	***51***
298 – 04 – 4	Disulfoton	I	~~0.36~~ ***0.18***	~~0.24~~ ***0.12***	~~0.0028~~ ***0.0014***	~~1.0~~ ***0.51***
300 – 76 – 5	Naled	II	~~15~~ ***0.50***	~~10~~ ***0.34***	~~0.12~~ ***0.0040***	~~43~~ ***1.4***
333 – 41 – 5	Diazinon	I	~~0.36~~ ***0.036***	~~0.24~~ ***0.024***	~~0.0028~~ ***0.00028***	~~1.0~~ ***0.10***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL (µg/m³)	Annual AAL (µg/m³)	24-Hr De Minimis [B] (lbs/day)	Annual De Minimis (lbs/yr)
409 – 21 – 2	Silicon carbide: ***non fibrous (inhalable fraction)***	II	50	34	0.40	144
409 – 21 – 2	***Silicon carbide: fibrous***	***I***	***0.36***	***0.24***	***0.0028***	***1.0***
409 – 21 – 2	***Silicon carbide: non fibrous (respirable fraction)***	***II***	***15***	***10***	***0.12***	***43***
542 – 56 – 3	***Isobutyl nitrite***	***II***	***24***	***14***	***0.19***	***68***
563 – 12 – 2	Ethion	I	~~1.4~~ ***0.18***	~~0.95~~ ***0.12***	~~0.011~~ ***0.0014***	~~4.1~~ ***0.51***
592 – 41 – 6	1-Hexene	III	~~4292~~ ***3669***	~~1022~~ ***1747***	~~34~~ ***29***	~~12320~~ ***10532***
646 – 06 – 0	***1,3-Dioxolane***	***II***	***427***	***203***	***3.4***	***1225***
919 – 86 – 8	***Demeton-S-methyl***	***I***	***0.18***	***0.12***	***0.0014***	***0.51***
994 – 05 – 8	***Tert-Amyl methyl ether (TAME)***	***II***	***421***	***280***	***3.3***	***1207***
1304 – 56 – 9	Beryllium Oxide (as beryllium)	I	~~0.020~~ ***0.0071***	~~0.020~~ ***0.0048***	~~0.00016~~ ***0.000056***	~~0.057~~ ***0.021***
1314 – 13 – 2	Zinc oxide ~~dust~~	II	50	34	0.40	144
~~1314 – 13 – 2~~	~~Zinc oxide fume~~	~~II~~	~~25~~	~~17~~	~~0.20~~	~~72~~
1330 – 20 – 7	Xylene	I	1550	~~1033~~ ***100***	12	~~4449~~ ***1641***
2921 – 88 – 2	Chlorpyrifos	I	~~0.71~~ ***0.36***	~~0.48~~ ***0.24***	~~0.0056~~ ***0.0028***	~~2.1~~ ***1.0***
6923 – 22 – 4	Monocrotophos	I	~~0.89~~ ***0.18***	~~0.60~~ ***0.12***	~~0.0070~~ ***0.0014***	~~2.6~~ ***0.51***
7440 – 41 – 7	Beryllium and cmpds (as Be)	I	~~0.20~~ ***0.0071***	~~0.20~~ ***0.0048***	~~0.00016~~ ***0.000056***	~~0.057~~ ***0.021***
7647 – 01 – 0	Hydrogen chloride	I	~~27~~ ***20***	20	~~0.21~~ ***0.084***	~~77~~ ***31***
8006 – 64 – 2	Turpentine	II	~~3915~~ ***558***	~~1865~~ ***372***	~~31~~ ***4.4***	~~11240~~ ***1603***
8008 – 20 – 6	Kerosene	II	~~503~~ ***1006***	~~335~~ ***671***	~~4.0~~ ***7.9***	~~1444~~ ***2888***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL (µg/m³)	Annual AAL (µg/m³)	24-Hr De Minimis [B] (lbs/day)	Annual De Minimis (lbs/yr)
8065 – 48 – 3	Demeton	I	~~0.39~~ ***0.18***	~~0.26~~ ***0.12***	~~0.0031~~ ***0.0014***	~~1.1~~ ***0.51***
13071 – 79 – 9	***Terbufos***	***I***	***0.036***	***0.024***	***0.00028***	***0.10***
13466 – 78 – 9	***3-Carene***	***II***	***558***	***372***	***4.4***	***1603***
64742 – 47 – 8	***Jet fuels***	***II***	***1006***	***671***	***7.9***	***2888***
68334 – 30 – 5	***Diesel fuel (as total hydrocarbons)(diesel oil)***	***III***	***2083***	***992***	***16***	***5980***
68476 – 30 – 2	***Diesel fuel (as total hydrocarbons)(fuel oil #2)***	***II***	***704***	***335***	***5.5***	***2022***
68476 – 31 – 3	***Diesel fuel (as total hydrocarbons)(fuel oil #4)***	***III***	***4167***	***992***	***33***	***11961***
68476 – 34 – 6	***Diesel fuel (as total hydrocarbons) (diesel #2)***	***III***	***4167***	***992***	***33***	***11961***
77650 – 28 – 3	***Diesel fuel (as total hydrocarbons) (diesel #4, marine diesel)***	***III***	***4167***	***992***	***33***	***11961***

A Toxicity Classification as classified in Env-A 1407, in general:

Toxicity Class I: Classification established pursuant to Env-A 1407.02.

Toxicity Class II: Classification established pursuant to Env-A 1407.03.

Toxicity Class III: Classification established pursuant to Env-A 1407.04.

B De minimis values were ~~claculated~~ ***calculated*** using non-rounded ambient air limits (AALs). The AALs and de minimis values represented in this table are rounded to whole numbers or 2 significant figures if less than 10.

* Denotes regulated toxic air pollutants which have data limitations preventing derivation of AALs in accordance with Env-A 1411

Amend Env-A 1450.01(a), table 1450-1:

CAS Number	Description	Toxicity Class [A]	24-Hr AAL (µg/m³)	Annual AAL (µg/m³)	24-Hr De Minimis [B] (lbs/day)	Annual De Minimis (lbs/yr)
0 – 00 – 0	***Aliphatic hydrocarbon gases: Alkane C1 - C4 (measured as butane)****	***III***	***35374***	***23582***	***278***	***101,545***
74 – 84 – 0	***Ethane (see Aliphatic hydrocarbon gases)***					
74 – 98 – 6	***Propane (see Aliphatic hydrocarbon gases)***					
75 – 18 – 3	***Dimethyl sulfide***	***III***	***529***	***252***	***4.2***	***1,519***
75 – 28 – 5	***Isobutane (see Aliphatic hydrocarbon gases)***					
78 – 93 – 3	Methyl ethyl ketone (MEK)		15000	15000	~~7.9~~ ***39***	~~2871~~ ***14353***
85 - 42 - 7	***Hexahydrophthalic anhydride***	***II***	***0.0025***	***0.0017***	***0.000020***	***0.0072***
106 – 97 – 8	Butane (***see Aliphatic hydrocarbon gases***)	~~III~~	~~28274~~	~~18849~~	~~222~~	~~81164~~
108 – 98 – 5	Phenyl mercaptan	I	~~8.2~~ ***1.6***	~~5.5~~ ***1.1***	~~0.065~~ ***0.013***	~~24~~ ***4.6***
110 – 82 – 7	Cyclohexane	II	~~1731~~ ***6000***	~~1154~~ ***6000***	~~14~~ ***47***	~~4970~~ ***17224***
110 – 86 – 1	Pyridine	II	~~80~~ ***16***	~~54~~ ***11***	~~0.63~~ ***0.13***	~~231~~ ***47***
112 – 55 – 0	***Dodecyl mercaptan***	***I***	***3.0***	***2.0***	***0.023***	***8.5***
2179 – 59 – 1	Allyl propyl disulfide	~~III~~ ***II***	~~500~~ ***45***	~~119~~ ***30***	~~3.9~~ ***0.35***	~~1435~~ ***129***
7664 – 93 – 9	Sulfuric Acid	I	~~3.6~~ ***0.71***	~~2.4~~ ***0.48***	~~0.028~~ ***0.0056***	~~10~~ ***2.0***
7783 – 06 – 4	Hydrogen sulfide	~~II~~ ***I***	~~70~~ ***50***	~~1.0~~ ***2.0***	~~0.55~~ ***0.39***	~~16~~ ***33***
8006 -14 – 2	***Natural gas (see Aliphatic hydrocarbon gases)***					
9006 – 04 – 6	***Natural rubber latex, as total proteins***	***II***	***0.0050***	***0.0034***	***0.000040***	***0.014***
10035 – 10 – 6	Hydrogen bromide	II	~~56~~ ***37***	~~33~~ ***22***	~~0.44~~ ***0.29***	~~160~~ ***107***
13149 – 00 – 3	***Hexahydrophthalic anhydride, cis-isomer***	***II***	***0.0025***	***0.0017***	***0.000020***	***0.0072***
14166 – 21 – 3	***Hexahydrophthalic anhydride, trans-isomer***	***II***	***0.0025***	***0.0017***	***0.000020***	***0.0072***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL (µg/m³)	Annual AAL (µg/m³)	24-Hr De Minimis [B] (lbs/day)	Annual De Minimis (lbs/yr)
19430 – 93 – 4	***Perfluorobutyl ethylene***	***III***	***41,939***	***9,986***	***330***	***120,391***
68476 – 85 – 7	Liquified petroleum gas (LPG) (***see Aliphatic hydrocarbon gases***)	~~III~~	~~37500~~	~~17857~~	~~295~~	~~107648~~

* The compounds comprising "Aliphatic hydrocarbon gases: Alkane C1-C4 (measured as butane)" are: CAS Number 8006-14-2, Natural gas; CAS Number 74-98-6, Propane; CAS Number 75-28-5, Isobutane; CAS Number 106-97-8, Butane; CAS Number 74-84-0, Ethane; and CAS Number 68476-85-7, Liquid petroleum gas. The AALs for "Aliphatic hydrocarbon gases: Alkane C1-C4 (measured as butane)" are for emissions of any individual compound if only one compound is emitted, or for any mixture of compounds if more than one is present.

Amend Env-A 1450.01(a), table 1450-1, effective 2-4-05 (Document #8278), by

adding "glycol ethers not otherwise regulated," "1-bromopropane," "dichloroacetic acid," "tetrakis (hydroxymethyl) phosphonium chloride," "tetrakis (hydroxymethyl) phosphonium sulfate," "gallium arsenide," "borate compounds (sodium tetraborate)," "borate compounds (borax)," "borate compounds (boric acid)," and "borate compounds (sodium borate pentahydrate)" and

amending other regulated toxic air pollutants, so that the following regulated toxic air pollutants and footnotes in table 1450-1 read as follows:

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
0 – 00 – 0	***Glycol ethers not otherwise regulated*** [G]					E
0 – 00 – 0	Wood Dust (~~Hard Woods~~ ***western red cedar***) (See Env-A 1450.01(b))	I	~~3.6~~ ***2.5***	~~2.4~~ ***1.7***	~~0.028~~ ***0.02***	~~10~~ ***7***
0 – 00 – 0	Wood Dust (~~Soft Woods~~ ***oak and beech***) (See Env-A 1450.01(b))	I	~~18~~ ***3.6***	~~12~~ ***2.4***	~~0.14~~ ***0.03***	~~51~~ ***10***
0 – 00 – 0	***Wood Dust (birch, mahogany, teak, and walnut) (See Env-A 1450.01(b))***	***I***	***3.6***	***2.4***	***0.03***	***10***
0 – 00 – 0	***Wood Dust (all other species) (See Env-A 1450.01(b))***	***III***	***15***	***9.9***	***0.1***	***43***
106 – 94 – 5	***1-Bromopropane***	***III***	***2096***	***499***	***0.1***	***6017***
109 – 99 – 9	Tetrahydrofuran	II	~~2968~~ ***742***	~~1979~~ ***494***	~~23~~ ***5.8***	~~8519~~ ***2130***
115 – 90 – 2	Fensulfothion	I	~~0.36~~ ***0.04***	~~0.24~~ ***0.02***	~~0.0028~~ ***0.0003***	~~1.0~~ ***0.10***
124 – 64 – 1	***Tetrakis (hydroxymethyl) phosphonium chloride***	***II***	***10***	***6.7***	***0.08***	***29***
1303 – 00 – 0	***Gallium arsenide***	***I***	***0.001***	***0.001***	***0.00001***	***0.003***
1303 – 96 – 4	Borate ***compounds, (Borax) tetra, sodium salts, Anhydrous inhalable fraction***	I	~~3.6~~ ***7.1***	~~2.4~~ ***4.8***	~~0.028~~ ***0.06***	~~10~~ ***21***
~~1303 – 96 – 4~~	~~Borates, tetra, sodium salts, Decahydrate~~	~~II~~	~~25~~	~~17~~	~~0.20~~	~~72~~
~~1303 – 96 – 4~~	~~Borates, tetra, sodium salts, Pentahydrate~~	~~I~~	~~3.6~~	~~2.4~~	~~0.028~~	~~10~~
1330 –43 – 4	***Borate compounds (sodium tetraborate) inhalable fraction***	***I***	***7.1***	***4.8***	***0.06***	***20***
2426 – 08 – 6	n-Butyl glycidyl ether (***BGE***)	I	~~475~~ ***57***	~~317~~ ***38***	~~3.7~~ ***0.4***	~~1364~~ ***164***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
3383 – 96 – 8	Temephos	II	~~50~~ ***5.0***	~~34~~ ***3.4***	~~0.40~~ ***0.04***	~~144~~ ***14***
3689 – 24 – 5	Sulfotep (***TEDP***)	I	~~0.71~~ ***0.4***	~~0.48~~ ***0.2***	~~0.0056~~ ***0.003***	~~2.1~~ ***1.02***
7664 – 39 – 3	Hydrogen fluoride, ***as F***	I	~~8.2~~ ***1.5***	~~5.5~~ ***1.0***	~~0.065~~ ***0.01***	~~24~~ ***4.2***
10043 – 35 – 3	***Borate compounds (boric acid) inhalable fraction***	***I***	***7.1***	***4.8***	***0.06***	***21***
12179 – 04 – 3	***Borate compounds (sodium borate pentahydrate) inhalable fraction***	***III***	***83***	***20***	***0.7***	***238***
55566 – 30 – 8	***Tetrakis (hydroxymethyl) phosphonium sulfate***	***I***	***7.1***	***4.8***	***0.06***	***21***

Footnote:

[A] Toxicity Classification as classified in Env-A 1406, in general:

Toxicity Class I: Classification established pursuant to Env-A 1406.02.

Toxicity Class II: Classification established pursuant to Env-A 1406.03.

Toxicity Class III: Classification established pursuant to Env-A 1406.04.

[B] Ambient air limit.

[C] De minimis values were calculated using non-rounded AALs. The AALs and de minimis values represented in this table are rounded to whole numbers or 2 significant figures if less than 10.

[D] The compounds comprising "Aliphatic hydrocarbon gases: Alkane C1-C4 (measured as butane)" are: CAS Number 8006-14-2, Natural gas; CAS Number 74-98-6, Propane; CAS Number 75-28-5, Isobutane; CAS Number 106-97-8, Butane; CAS Number 74-84-0, Ethane; and CAS Number 68476-85-7, Liquid petroleum gas. The AALs for "Aliphatic hydrocarbon gases: Alkane C1-C4 (measured as butane)" are for emissions of any individual compound if only one compound is emitted, or for any mixture of compounds if more than one is present.

[E] Denotes regulated toxic air pollutants which have data limitations preventing derivation of AALs in accordance with Env-A 1411.

[F] The isomers comprising "pentyl acetate" are: CAS Number 123-92-2, Isoamyl acetate; CAS Number 620-11-1, 3-Amyl acetate; CAS Number 624-41-9, 1-Butanol, 2-methyl-, acetate; CAS Number 625-16-1, Tert-Amyl acetate; CAS Number 626-38-0, Sec-Amyl acetate; and CAS Number 628-63-7, n-Amyl acetate. The AALs for pentyl acetate are for emissions of any individual isomer if only one isomer is emitted, or for any mixture of isomers if more than one is present.

[G] ***Gylcol ether compounds, as defined in section 112(b) of the 1990 Clean Air Act Amendments and not otherwise regulated as regulated toxic air pollutants***.

Amend Env-A 1450.01(b), effective 2-4-05 (Document #8278), cited and to read as follows:

(b) AALs and de minimis values for "wood dust (western red cedar soft wood)," "wood dust (oak & beech)," "wood dust (birch, mahogany, teak, walnut)" and "wood dust (all other species hardwood)" in table 1450-1 shall apply only to emissions from sanding operations at sources belonging to Major Group 24 or 25 as described in the Standard Industrial Classification Manual, 1987, and assigned by EPA the following Source Classification Code (SCC) numbers: 30700702, 30700806, 30700807, 30702003, 30703096, 30703097, 30703098, and 30703099.

Amend Env-A 1450.01(a), table 1450-1, effective 5-26-06 (Document #8632), by:

Adding "Hexane, isomers other than n-Hexane," "Coumaphos," "Propylene," "Calcium sulfate, the hemihydrate," "Calcium sulfate, the dihydrate," deleting "Rouge," "Vegetable Oil Mists," "Hexane, other isomers," "Magnesite," "Iron Oxide dust & fume," "Silicon," "Tetrasodium pyrophosphate," "Tridymite," "Silica, fused," "Diatomaceous earth, inhalable particulate," "Diatomaceous earth, respirable particulate," "Silica, fume," "Perlite," and "Precipitated silica"; and

Amending the description of certain existing regulated toxic air pollutants so that the following regulated toxic air pollutants and footnotes in table 1450-1 are cited and read as follows:

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] ($\mu g/m^3$)	Annual AAL[B] ($\mu g/m^3$)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
0 – 00 – 0	***Hexane, isomers other than n-Hexane (CAS Number 110–5–3)***	***II***	***885***	***700***	***7.0***	***2541***
~~0 – 00 – 0~~	~~Rouge~~	~~II~~	~~50~~	~~34~~	~~0.40~~	~~144~~
~~0 – 00 – 0~~	~~Vegetable Oil Mists~~	~~III~~	~~417~~	~~99~~	~~3.3~~	~~1196~~
55 – 38 – 9	Fenthion, **inhalable fraction and vapor**	I	~~0.71~~ ***0.18***	~~0.48~~ ***0.12***	~~0.0056~~ ***0.0014***	~~2.1~~ ***0.51***
56 – 72 – 4	***Coumaphos, inhalable fraction and vapor***	***I***	***0.18***	***0.12***	***0.0014***	***0.51***
75 – 44 – 5	Phosgene	I	1.4	~~0.95~~ ***0.30***	0.011	4.1
78 – 87 – 5	Propylene dichloride (***1,2-dichloropropane***)	II	~~1745~~ ***232***	4.0	~~14~~ ***1.8***	66
79 – 11 – 8	***Monochloroacetic acid*** (Chloroacetic acid), ***inhalable fraction and vapor***	***III***	***29***	***19***	***0.23***	~~E~~ ***83***
79 – 27 – 6	***1,1,2,2-Tetrabromoethane (***Acetylene tetrabromide***), inhalable fraction and vapor***	~~II~~ ***I***	~~70~~ ***5.0***	~~47~~ ***3.4***	~~0.55~~ ***0.040***	~~201~~ ***14***
106-94-5	1-Bromopropane	III	2096	499	~~0.1~~ ***16***	6017
108 – 88 – 3	Toluene	I	~~671~~ ***5000***	~~400~~ ***5000***	~~5.3~~ ***39***	~~1927~~ ***14353***
110 – 49 – 6	2-Methoxyethyl acetate (***EGMEA***)	~~II~~ ***I***	~~121~~ ***1.7***	~~80~~ ***1.2***	~~0.95~~ ***0.014***	~~347~~ ***5.0***
110 – 54 – 3	~~Hexane~~ (n-Hexane)	II	885	~~200~~ ***700***	~~70~~ ***7.0***	2541
~~110 – 54 – 3~~	~~Hexane (Other isomers)~~	~~II~~	~~8853~~	~~200~~	~~70~~	~~3281~~
115 – 07 – 1	***Propylene***	***III***	***35833***	***8532***	***282***	***102863***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
299 – 84 – 3	Ronnel, ***inhalable fraction and vapor***	I	~~36~~ ***18***	~~24~~ ***12***	~~0.28~~ ***0.14***	~~103~~ ***52***
~~546 – 93 – 0~~	~~Magnesite~~	~~III~~	~~149~~	~~99~~	~~1.2~~	~~427~~
944 – 22 – 9	Fonofos, ***inhalable fraction and vapor***	I	~~0.36~~ ***0.036***	~~0.24~~ ***0.024***	~~0.0028~~ ***0.00028***	~~1.0~~ ***0.10***
1309 – 37 – 1	Iron Oxide ***(Fe_2O_3), respirable fraction***	II	25	17	0.20	72
~~1309 – 37 – 1~~	~~Iron Oxide dust & fume~~	~~II~~	~~25~~	~~17~~	~~0.20~~	~~72~~
1317 – 95 – 9	Silica, Crystalline-α-quartz (Tripoli), ***respirable fraction***	~~II~~ ***I***	~~0.50~~ ***0.089***	~~0.34~~ ***0.060***	~~0.0040~~ ***0.00070***	~~1.4~~ ***0.26***
1746 – 01 – 6	2,3,7,8-Tetrachlorodibenzeno-p-Dioxin	I	~~0.0010~~ ***2.37E-07***	~~0.0010~~ ***2.37E-07***	***1.81E-09***	~~E~~ ***6.60E-07***
~~7440 – 21 – 3~~	~~Silicon~~	~~III~~	~~149~~	~~99~~	~~1.2~~	~~427~~
7664 – 39 – 3	Hydrogen fluoride, as F	I	1.5	~~1.0~~ ***0.98***	0.01	4.2
~~7722 – 88 – 5~~	~~Tetrasodium pyrophosphate~~	~~III~~	~~104~~	~~50~~	~~0.82~~	~~299~~
7778 – 18 – 9	Calcium sulfate, ***the anhydrite, inhalable fraction***	III	149	99	1.2	~~427~~ ***428***
10034 – 76 – 1	***Calcium sulfate, the hemihydrate, inhalable fraction***	***III***	***149***	***99***	***1.2***	***428***
10101 – 41 – 4	***Calcium sulfate, the dihydrate, inhalable fraction***	***III***	***149***	***99***	***1.2***	***428***
13397 – 24 – 5	***Calcium sulfate***, Gypsum	III	149	99	1.2	~~427~~ ***428***
14464 – 46 – 1	***Silica, Crystalline***-Cristobalite, ***respirable fraction***	~~II~~ ***I***	~~0.25~~ ***0.089***	~~0.17~~ ***0.060***	~~0.0020~~ ***0.00070***	~~0.72~~ ***0.26***
14808 – 60 – 7	***Silica, Crystalline***-α-~~q~~***Q***uartz, ***respirable fraction***	~~II~~ ***I***	~~0.36~~ ***0.089***	~~0.24~~ ***0.060***	~~0.0028~~ ***0.00070***	~~1.0~~ ***0.26***
~~15468 – 32 – 3~~	~~Tridymite~~	~~II~~	~~0.25~~	~~0.17~~	~~0.0020~~	~~0.72~~
22224 – 92 – 6	Fenamiphos, ***inhalable fraction and vapor***	I	~~0.36~~ ***0.18***	~~0.24~~ ***0.12***	~~0.0028~~ ***0.0014***	~~1.0~~ ***0.51***
~~60676 – 86 – 0~~	~~Silica, fused~~	~~II~~	~~0.50~~	~~0.34~~	~~0.0040~~	~~1.4~~

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
~~61790 – 53 – 2~~	~~Diatomaceous earth, inhalable particulate~~	~~II~~	~~50~~	~~34~~	~~0.40~~	~~144~~
~~61790 – 53 – 2~~	~~Diatomaceous earth, respirable particulate~~	~~II~~	~~15~~	~~10~~	~~0.12~~	~~43~~
~~69012 – 64 – 2~~	~~Silica, fume~~	~~II~~	~~10~~	~~6.7~~	~~0.079~~	~~29~~
~~93763 – 70 – 3~~	~~Perlite~~	~~III~~	~~149~~	~~99~~	~~1.2~~	~~427~~
~~112926 – 00 – 8~~	~~Precipitated silica~~	~~II~~	~~50~~	~~34~~	~~0.40~~	~~144~~

Amend Env-A 1450.01(a), table 1450-1, effective 11-25-09 (Document #9601), by:

Adding "1-Methyl naphthalene," "2-Methyl naphthalene," "5-Nitro-o-toluidine," "Hexafluoropropylene," "Dimethyl disulfide," "Alachlor, inhalable fraction and vapor," "Isobutene," "Polyvinyl chloride (PVC),"

Deleting "Aliphatic hydrocarbon gases C1–C4 (measured as butane)," "Cotton," "Flour Dust," "Polytetraflouroethylene, decomposition products," "Welding Fumes (not otherwise classified)," "Sucrose," Ethane (see Aliphatic hydrocarbon gases)," "Propane (see Aliphatic hydrocarbon gases)," "Isobutane (see Aliphatic hydrocarbon gases)," "Butane (see Aliphatic hydrocarbon gases)," "Triphenyl amine," "Emery," "Calcium carbonate," "Silica, crystalline Tripoli," "Carbon black," "Aluminum oxide," "Alkyls, as Al," "Pyro powders as Al," " Soluble salts, as Al," "Welding fumes, as Al," "Natural gas (see Aliphatic hydrocarbon gases)," "Cellulose," "Starch," "Portland Cement," "Diesel fuel (as total hydrocarbons)(diesel oil)," "Diesel fuel (as total hydrocarbons)(fuel oil #2)," "Diesel fuel (as total hydrocarbons)(fuel oil #4)," "Diesel fuel (as total hydrocarbons)(diesel #2)," "Liquefied propane gas (LPG)(as Aliphatic hydrocarbon gases)," "Diesel fuel (as total hydrocarbons)(diesel #4, marine diesel)"; and

Amending the description of certain existing regulated toxic air pollutants so that the following regulated toxic air pollutants and footnotes in table 1450-1 are cited and read as follows:

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] ($\mu g/m^3$)	Annual AAL[B] ($\mu g/m^3$)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
~~0-00-0~~	~~Aliphatic hydrocarbon gases C1-C4 (measured as butane)~~	~~III~~	~~35374~~	~~23582~~	~~278~~	~~101545~~
~~0-00-0~~	~~Cotton~~	~~III~~	~~3.0~~	~~2.0~~	~~0.023~~	~~8.5~~
~~0-00-0~~	~~Flour dust~~	~~III~~	~~21~~	~~5.0~~	~~0.17~~	~~60~~
~~00-00-0~~	~~Polytetrafluoroethylene, decomposition products~~	~~II~~				
~~00-00-0~~	~~Welding Fumes (not otherwise classified)~~	~~II~~	~~25~~	~~17~~	~~0.20~~	~~72~~
56-38-2	Parathion, ***inhalable fraction and vapor***	I	0.18	0.12	~~0.0014~~ ***0.0021***	~~0.51~~ ***0.78***
~~57-50-1~~	~~Sucrose~~	~~II~~	~~50~~	~~34~~	~~0.40~~	~~144~~
62-73-7	Dichlorvos (DDVP), ***inhalable fraction and vapor***	I	0.50	0.50	~~0.0039~~ ***0.0059***	~~1.4~~ ***2.2***
63-25-2	Carbaryl, ***inhalable fraction and vapor***	I	~~18~~ ***1.8***	~~12~~ ***1.2***	~~0.14~~ ***0.021***	~~51~~ ***7.7***
71-23-8	n-Propyl alcohol	II	~~3465~~ ***1731***	~~1650~~ ***824***	~~27~~ ***21***	~~9946~~ ***7506***
71-55-6	Methyl chloroform	I	6821	~~4548~~ ***5000***	~~54~~ ***81***	~~19582~~ ***29579***
~~74-84-0~~	~~Ethane (see Aliphatic hydrocarbon gases)~~					
~~74-98-6~~	~~Propane (see Aliphatic hydrocarbon gases)~~					

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
~~75-28-5~~	~~Isobutane (see Aliphatic hydrocarbon gases)~~					
76-11-9	1,1,1,2-Tetrachloro-2,2-difluoroethane	~~II~~ ***III***	~~20976~~ ***12406***	~~13984~~ ***8270***	~~165~~ ***147***	~~60214~~ ***53798***
76-12-0	1,1,1,2-Tetrachloro-1,2-difluoroethane	~~II~~ ***III***	~~20976~~ ***6203***	~~13984~~ ***4135***	~~165~~ ***74***	~~60214~~ ***26899***
78-34-2	Dioxathion, ***inhalable fraction and vapor***	I	0.36	0.24	~~0.0028~~ ***0.0043***	~~1.0~~ ***1.6***
79-01-6	Trichloroethylene	I	~~961~~ ***192***	~~640~~ ***128***	~~7.6~~ ***2.3***	~~2759~~ ***833***
79-06-1	Acrylamide, ***inhalable fraction and vapor***	I	0.11	0.071	~~0.00084~~ ***0.0013***	~~0.31~~ ***0.48***
79-44-7	Dimethyl carbamoyl chloride	I	***0.075***	***0.050***	***0.00089***	***0.33***
86-50-0	Azinphos-methyl, ***inhalable fraction and vapor***	I	0.71	0.48	~~0.0056~~ ***0.0084***	~~2.1~~ ***3.1***
90-12-0	***1-Methyl naphthalene***	***II***	***15***	***9.7***	***0.18***	***65***
91-57-6	***2-Methyl naphthalene***	***II***	***15***	***9.7***	***0.18***	***65***
95-13-6	Indene	III	~~714~~ ***353***	~~476~~ ***236***	~~5.6~~ ***4.2***	~~2050~~ ***1531***
98-95-3	Nitrobenzene	I	18	~~12~~ ***9.0***	~~0.14~~ ***0.21***	~~51~~ ***78***
99-55-8	***5-Nitro-o-toluidine***	***II***	***5.0***	***3.4***	***0.060***	***22***
105-60-2	Caprolactum, ***inhalable fraction and vapor***	I	18	12	~~0.14~~ ***0.21***	~~51~~ ***78***
~~106-97-8~~	~~Butane (see Aliphatic hydrocarbon gases)~~					
107-22-2	Glyoxal, ***inhalable fraction and vapor***	II	0.70	0.34	~~0.0055~~ ***0.0083***	~~2.0~~ ***3.0***
107-49-3	***Tetraethyl pyrophosphate (TEPP) - inhalable fraction and vapor***	I	~~0.17~~ ***0.036***	~~0.11~~ ***0.024***	~~0.0013~~ ***0.00043***	~~0.48~~ ***0.16***
107-87-9	Methyl propyl ketone	III	~~14688~~ ***11014***	~~6994~~ ***5244***	~~116~~ ***87***	~~42162~~ ***1617***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
109-79-5	~~Butyl mercaptan~~ n-Butyl mercaptan	I	9.0	~~4.286~~ ***4.3***	~~0.071~~ ***0.11***	~~26~~ ***40***
115-11-7	***Isobutene***	***II***	***2886***	***1924***	***34***	***12515***
115-90-2	Fensulfothion***, inhalable fraction and vapor***	I	0.036	0.024	~~0.00028~~ ***0.00043***	~~0.10~~ ***0.16***
116-15-4	***Hexafluoropropylene***	***II***	***4.3***	***2.1***	***0.051***	***19***
121-75-5	Malithion, ***inhalable fraction and vapor***	I	3.6	2.4	~~0.028~~ ***0.043***	~~10~~ ***16***
123-31-9	Hydroquinone	~~II~~ ***I***	~~10~~ ***3.6***	~~6.7~~ ***2.4***	~~0.079~~ ***0.042***	~~29~~ ***15***
123-38-6	Propionaldehyde	II	239	~~159~~ ***8.0***	~~1.9~~ ***2.8***	~~686~~ ***130***
128-73-0	Butylated hydroxytoluene, ***inhalable fraction and vapo***r	II	10	6.7	~~0.79~~ ***0.12***	~~29~~ ***43***
137-26-8	Thiram ***inhalable fraction and vapor***	I	~~3.6~~ ***0.18***	~~2.4~~ ***0.12***	~~0.028~~ ***0.0021***	~~10~~ ***0.78***
141-66-2	Dicrotophos, ***inhalable fraction and vapor***	I	0.18	0.12	~~0.0014~~ ***0.0021***	~~0.51~~ ***0.78***
148-01-6	Dinitolmide 3,5-Dinitro-o-tolumide	II	~~35~~ ***7.0***	~~17~~ ***3.4***	~~0.28~~ ***0.084***	~~100~~ ***31***
149-57-5	2-Ethylhexanoic acid, ***inhalable fraction and vapor***	I	18	12	~~0.14~~ ***0.21***	~~51~~ ***78***
298-02-2	Phorate, ***inhalable fraction and vapor***	I	0.18	0.12	~~0.0014~~ ***0.0021***	~~0.51~~ ***0.78***
298-04-4	Disulfoton***, inhalable fraction and vapor***	I	0.18	0.12	~~0.0014~~ ***0.0021***	~~0.51~~ ***0.78***
300-76-5	Naled***, inhalable fraction and vapor***	II	0.50	0.34	~~0.0040~~ ***0.0059***	~~1.4~~ ***2.2***
309-00-2	Aldrin, ***inhalable fraction and vapor***	I	~~0.89~~ ***0.18***	~~0.60~~ ***0.12***	~~0.0070~~ ***0.0021***	~~2.6~~ ***0.78***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
333-41-5	Diazinon, ***inhalable fraction and vapor***	I	0.036	0.024	~~0.00028~~ ***0.00043***	~~0.10~~ ***0.16***
541-85-5	Ethyl amyl ketone	III	~~2729~~ ***1092***	~~1300~~ ***520***	~~21~~ ***13***	~~7834~~ ***4735***
552-30-7	Trimellitic anhydride	II	~~0.20~~ ***0.0030***	~~0.13~~ ***0.0020***	~~0.0016~~ ***0.000036***	~~0.58~~ ***0.013***
563-12-2	Ethion***, inhalable fraction and vapor***	I	0.18	0.12	~~0.0014~~ ***0.0021***	~~0.51~~ ***0.78***
~~603-34-9~~	~~Triphenyl amine~~	~~III~~	~~104~~	~~50~~	~~0.82~~	~~299~~
919-86-8	Demeton-S-methyl, ***inhalable fraction and vapor***	I	0.18	0.12	~~0.0014~~ ***0.0021***	~~0.51~~ ***0.78***
624-92-0	***Dimethyl sulfide***	***II***	***9.7***	***6.5***	***0.12***	***42***
1300-73-8	Xylidine (mixed isomers), ***inhalable fraction and vapor***	II	13	8.4	~~0.10~~ ***0.15***	~~36~~ ***56***
~~1302-74-5~~	~~Emery~~	~~III~~	~~149~~	~~99~~	~~1.2~~	~~427~~
~~1317-65-3~~	~~Calcium carbonate~~	~~III~~	~~149~~	~~99~~	~~1.2~~	~~427~~
~~1317-95-9~~	~~Silica, crystalline - Tripoli~~	~~I~~	~~0.089~~	~~0.060~~	~~0.00070~~	~~0.26~~
~~1333-86-4~~	~~Carbon black~~	~~III~~	~~52~~	~~35~~	~~0.41~~	~~150~~
~~1344-28-1~~	~~Aluminum oxide~~	~~III~~	~~149~~	~~99~~	~~1.2~~	~~428~~
1563-66-2	Carbofuran, ***inhalable fraction and vapor***	I	0.36	0.24	~~0.0028~~ ***0.0043***	~~1.0~~ ***1.6***
2238-07-5	Diglycidyl ether (DGE)	I	~~1.9~~ ***0.19***	~~1.3~~ ***0.13***	~~0.015~~ ***0.0022***	~~5.4~~ ***0.82***
2921-88-2	Chlorpyrifos***, inhalable fraction and vapor***	I	0.36	0.24	~~0.0028~~ ***0.0043***	~~1.0~~ ***1.6***
3383-96-8	Temephos, ***inhalable fraction and vapor***	II	5.0	3.4	~~0.040~~ ***0.059***	~~14~~ ***22***
3689-24-5	Sulfotep (TEDP), ***inhalable fraction and vapor***	I	~~0.4~~ ***0.36***	~~0.2~~ ***0.24***	~~0.003~~ ***0.0043***	~~1.02~~ ***1.6***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
6923-22-4	Monocrotophos, ***inhalable fraction and vapor***	I	0.18	0.12	~~0.0014~~ ***0.0021***	~~0.51~~ ***0.78***
~~7429-90-5~~	~~Alkyls, as Al~~	~~II~~	~~10~~	~~6.7~~	~~0.079~~	~~29~~
7429-90-5	Aluminum (dust) ***metal and insoluble compounds - respirable fraction***	II	~~50~~ ***5.0***	~~34~~ ***3.4***	~~0.40~~ ***0.060***	~~144~~ ***22***
~~7429-90-5~~	~~Pyro Powders as Al~~	~~II~~	~~25~~	~~17~~	~~0.20~~	~~72~~
~~7429-90-5~~	~~Soluble Salts, as Al~~	~~II~~	~~10~~	~~6.7~~	~~0.079~~	~~29~~
~~7429-90-5~~	~~Welding Fumes, as Al~~	~~II~~	~~25~~	~~17~~	~~0.20~~	~~72~~
7439-92-1	Lead, elemental & organic compounds as Pb	I	~~0.18~~ ***0.15***	0.12	~~0.0014~~ ***0.0018***	~~0.51~~ ***0.66***
7553-56-2	***Iodine and Iodides***	***II***	***0.37***	***0.25***	***0.0044***	***1.6***
~~7723-14-0~~ ***12185-10-3***	Phosphorous (yellow)	I	0.36	0.24	~~0.0028~~ ***0.0043***	~~1.0~~ ***1.6***
7784-42-1	Arsine	I	~~0.57~~ ***0.057***	0.050	~~0.0045~~ ***0.00068***	~~0.82~~ ***0.25***
7786-34-7	Mevinphos, ***inhalable fraction and vapor***	I	0.33	0.22	~~0.0026~~ ***0.0039***	~~0.94~~ ***1.4***
~~8006-14-2~~	~~Natural gas (see Aliphatic hydrocarbon gases)~~					
8006-61-9 ***86290-81-5***	Gasoline	II	4477	2985	~~35~~ ***53***	~~12851~~ ***19345***
8022-00-2	Methyl demeton - ***inhalable fraction and vapor***	I	~~1.8~~ ***0.18***	~~1.2~~ ***0.12***	~~0.014~~ ***0.0021***	~~5.1~~ ***0.78***
8065-48-3	Demeton, ***inhalable fraction and vapor***	I	0.18	0.12	~~0.0014~~ ***0.0021***	~~0.51~~ ***0.78***
9002-86-2	***Polyvinyl choride (PVC) respirable fraction***	***II***	***5.0***	***3.4***	***0.060***	***22***
~~9004-34-6~~	~~Cellulose~~	~~III~~	~~149~~	~~99~~	~~1.2~~	~~427~~
~~9005-25-8~~	~~Starch~~	~~III~~	~~149~~	~~99~~	~~1.2~~	~~427~~
9006-04-6	Natural rubber latex, as total proteins ***as inhalable allergenic proteins***	II	~~0.0050~~ ***0.0010***	~~0.0034~~ ***0.0010***	~~0.000040~~ ***0.000012***	~~0.014~~ ***0.0043***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
~~12415-34-9~~	~~Emery~~	~~III~~	~~149~~	~~99~~	~~1.2~~	~~427~~
13071-79-9	Terbufos, ***inhalable fraction and vapor***	I	0.036	0.024	~~0.00028~~ ***0.00043***	~~0.10~~ ***0.16***
15972-60-8	***Alachlor - inhalable fraction and vapor***	***I***	***3.6***	***2.4***	***0.042***	***15***
17804-35-2	Benomyl - ***inhalable fraction***	I	~~36~~ ***3.6***	~~24~~ ***2.4***	~~0.28~~ ***0.042***	~~103~~ ***15***
~~55720-99-5~~ ***31242-93-0***	***o***-Chlorinated diphenyl oxide	III	7.4	5.0	0.59	21
~~64742-47-8~~ ***64742-81-0***	Jet fuels Kerosene	II	1006	671	~~7.9~~ ***12***	~~2888~~ ***4380***
~~65997-15-1~~	~~Portland Cement~~	~~III~~	~~417~~	~~99~~	~~3.3~~	~~1196~~
~~68334-30-5~~	~~Diesel fuel (as total hydrocarbons) (diesel oil)~~	~~III~~	~~2083~~	~~992~~	~~16~~	~~5980~~
~~68476-30-2~~	~~Diesel fuel (as total hydrocarbons) (fuel oil #2)~~	~~II~~	~~704~~	~~335~~	~~5.5~~	~~2022~~
~~68476-31-3~~	~~Diesel fuel (as total hydrocarbons) (fuel oil #4)~~	~~III~~	~~4167~~	~~992~~	~~33~~	~~11961~~
~~68476-34-6~~	~~Diesel fuel (as total hydrocarbons) (diesel #2)~~	~~III~~	~~4167~~	~~992~~	~~33~~	~~11961~~
~~68476-85-7~~	~~Liquefied propane gas (LPG) (see Aliphatic hydrocarbon gases)~~					
~~77650-28-3~~	~~Diesel fuel (as total hydrocarbons) (diesel #4, marine diesel)~~	~~III~~	~~4167~~	~~992~~	~~33~~	~~11961~~

Amend Env-A 1450.01(b), table 1450-1, eff. 2-18-11(Document # 9865) by:

Adding the following: Ethylamine; Dichloroacetic acid; Diquat dibromide, inhalable fraction; 2,4-Dimethylpentane; trans-1,2-Dicholoethene; 2,3-Dimethylpentane; 3-Methylhexane; 2,2-Dimethylpentane; 2-Methylhexane; Silica, Crystalline – Tripoli, respirable fraction; Diquat dibromide monohydrate, inhalable fraction; and Dinitrobenzene, mixed isomers;

Removing the following: Mineral Wool Fibers; Cyanide; sec-Butyl acetate; tert-Butyl acetate; Nickel Sulfide Roasting (dust and fume); Zinc (as zinc oxide dust); Zinc (as zinc oxide fume); Silica, amorphous, fumed; Calcium sulfate, the anhydride inhalable fraction; Lead arsenate; VM&P naphtha; Rubber solvent (naphtha); Calcium sulfate, the hemihydrate, inhalable fraction; Calcium sulfate, the dihydrate, inhalable fraction; Silica gel; Calcium sulfate, gypsum; and

Amending certain descriptions of existing regulated toxic air pollutants so that Env-A 1450.01 reads as follows:

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
0-00-0	Coat Dust (anthracite), ***respirable fraction***	II	2.0	1.3	0.024	8.7
0-00-0	Coal Dust (bituminous), ***respirable fraction***	II	4.5	3.0	0.053	20
0-00-0	Iron salts, soluble, ***as Fe***	III	42	9.9	0.50	161
~~0-00-0~~	~~Mineral wool fibers~~	~~II~~	~~141~~	~~34~~	~~1.7~~	~~554~~
0-00-0	Soapstone, ***containing no asbestos***, inhalable dust	II	30	20	0.36	130
0-00-0	Soapstone, ***containing no asbestos***, respirable dust	II	15	10	0.18	65
52-68-6	Trichlorophon, ***inhalable fraction***	I	3.6	2.4	0.43	16
56-23-5	Carbon tetrachloride	I	111	~~74~~ ***100***	1.3	481
~~57-12-5~~	~~Cyanide~~	~~I~~	~~18~~	~~12~~	~~0.21~~	~~78~~
64-17-5	Ethanol	II	~~9457~~ ***6714***	~~6304~~ ***4476***	~~112~~ ***80***	~~41010~~ ***29115***
67-63-0	~~Isopropanol~~ ***2-Propanol***	I	1757	1171	21	7619
~~74-99-7~~ ***59355-75-8***	Methyl acetylene-propadiene mixture	II	8249	5500	98	35771
75-04-7	Ethylamine	***III***	***46***	***31***	***0.55***	***199***
75-55-8	Propyleneimine	I	~~17~~ ***1.7***	~~11~~ ***1.1***	~~0.20~~ ***0.020***	~~74~~ ***7.2***
75-86-5	Acetone cyanohydrin, ***as CN***	I	18	12	0.21	78
79-06-1	Acrylamide, inhalable fraction and vapor	I	~~0.11~~ ***6.0***	~~0.071~~ ***6.0***	~~0.0013~~ ***0.071***	~~0.48~~ ***26***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
79-43-6	***Dichloroacetic acid***	***I***	***9.4***	***6.3***	***0.11***	***41***
85-00-1	***Diquat dibromide, inhalable fraction (see Diquat, inhalable fraction)***					
85-42-7	Hexahydrophthalic anhydride, inhalable fraction and vapor	II	0.0025	0.0017	0.000030	0.011
96-18-4	1,2,3-Trichloropropane	I	214	~~143~~ ***0.30***	2.5	~~928~~ ***4.9***
99-55-8	5-Nitro-o-toluidine, ***inhalable fraction***	II	5.0	3.4	0.060	22
99-65-0	***1,3***-Dinitorbenzene	I	3.6	2.4	0.043	16
100-25-4	***1,4***-Dinitorbenzene	II	5.0	3.4	0.059	22
101-84-8	Phenyl ether, ***vapor***	III	104	69	1.2	451
102-54-5	Dicyclopentadienly ion, ***as Fe***	II	50	34	0.59	217
~~105-46-4~~	~~sec-Butyl acetate~~	~~III~~	~~39583~~	~~9425~~	~~470~~	~~153439~~
107-21-1	Ethylene glycol, ***aerosol***	II	503	335	6.0	2181
107-66-4	Dibutyl phosphate, ***inhalable fraction and vapor***	III	~~358~~ ***104***	~~85~~ ***50***	~~4.3~~ ***1.2***	~~1384~~ ***451***
107-98-2	~~Propylene glycol monomethyl ether~~ ***1-Methoxy-2-propanol***	II	2000	2000	24	8673
108-08-7	***2,4-Dimethylpentane (see Heptane, all isomers)***					
111-42-2	Diethanolalmine, ***inhalable fraction and vapor***	I	~~10~~ ***3.6***	~~4.8~~ ***2.4***	~~0.12~~ ***0.042***	~~43~~ 15
111-76-2	2-Butoxyethanol	I	~~13000~~ ***1600***	~~13000~~ ***1600***	~~154~~ ***19***	~~56374~~ ***6938***
115-29-7	Endosulfan, ***inhalable fraction and vapor***	I	0.36	0.24	0.0043	1.6
117-81-7	~~Di-sec-octyl phthalate~~ ***Di(2-ethyl hexyl)phthalate***	I	18	12	0.21	78
~~123-73-9~~	~~Crotonaldehyde~~	~~I~~	~~3.1~~	~~2.0~~	~~0.037~~	~~13~~
123-91-1	***1,4***-Dioxane	I	258	172	3.1	1119
133-06-2	Captan, ***inhalable fraction***	I	18	12	0.21	78
151-56-4	Ethyleneimine	I	~~3.1~~ ***0.31***	~~2.1~~ ***0.21***	~~0.037~~ ***0.0037***	~~13~~ ***1.4***
156-06-5	***trans-1,2-Dicholoethene***	***II***	***3989***	***2659***	***47***	***17298***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
298-00-0	Methyl parathion, ***inhalable fraction and vapor***	I	~~0.71~~ ***0.071***	~~0.48~~ ***0.048***	~~0.0084~~ ***0.00084***	~~3.1~~ ***0.31***
528-29-0	***1,2***-Dichlorobenzene	II	5.0	3.4	0.059	22
~~540-88-5~~	~~tert-Butyl acetate~~	~~III~~	~~39583~~	~~9425~~	~~470~~	~~153439~~
542-56-3	Isobutyl nitrite, ***inhalable fraction and vapor***	II	24	14	0.29	104
552-30-7	Trimetallic anhydride, ***inhalable fraction and vapor***	II	0.0030	0.0020	0.000036	0.013
565-59-3	***2,3-Dimethylpentane (see Heptane, all isomers)***					
589-34-4	***3-Methylhexane (see Heptane, all isomers)***					
590-35-2	***2,2-Dimethylpentane (see Heptane, all isomers)***					
591-76-4	***2-Methylhexane (see Heptane, all isomers)***					
591-78-6	Methyl-n-butyl ketone	II	101	~~67~~ ***30***	1.2	438
626-17-5	m-Phthalodinitrile, ***inhalable fraction and vapor***	II	25	17	0.30	108
872-50-4	~~Methylpyrrolidone~~ ***n-Methyl-2-pyrrolidone***	I	1429	952	17	6197
1189-85-1	tert-Butyl chromate, ***as CrO_3***	III	1.7	0.99	0.020	7.4
1303-00-0	Gallium arsenide, ***respirable fraction***	I	0.0010	0.0010	0.000012	0.0043
~~1304-81-1~~ ***1304-82-1***	Bismuth telluride Se-doped, ***as Bi_2Te_3***	II	25	17	0.30	108
1309-48-4	Magnesium oxide ~~fume~~, ***inhalable fraction***	III	208	99	2.5	902
1314-13-2	Zinc oxide, ***respirable fraction***	II	50	34	0.59	217
1314-61-0	Tantalum oxide ***dust, as Ta***	III	74	50	0.88	321
1314-62-1	Vanadium pentoxide ***as Va, inhalable fraction***	I	0.18	0.12	0.0021	0.78
1317-95-9	***Silica, Crystalline – Tripoli, respirable fraction***	***I***	***0.089***	***0.060***	***0.0011***	***0.39***
1332-58-7	Kaolin***, containing no asbestos, respirable fraction***	II	10	6.7	0.12	43
1344-95-2	Calcium silicate ***synthetic non-fibrous, containing no asbestos***	III	417	99	5.0	1612
1395-21-7	Subtilisins (Proteolytic enzymes) ***as crystalline active enzyme***	II	0.0010	0.0010	0.000012	0.0043
2104-64-5	EPN, ***inhalable fraction***	I	0.36	0.24	0.0043	1.6
2764-72-9	Diquat***, inhalable fraction***	I	1.8	1.2	0.021	7.8

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
6385-62-2	***Diquat dibromide monohydrate, inhalable fraction (see Diquat, inhalable fraction)***					
7439-92-1	Lead, ***and*** inorganic compounds as Pb	I	0.15	0.12	0.0018	0.65
7439-96-5	Manganese, elemental and inorganic compounds, ***as Mn***	II	1.0	0.050	0.012	0.81
7439-97-6	Mercury, inorganic forms including metallic ***elemental and inorganic forms***	I	0.30	0.30	0.0036	1.3
~~7440-02-0~~	~~Nickel Sulfide Roasting (dust and fume)~~	~~I~~	~~3.6~~	~~2.4~~	~~0.043~~	~~16~~
7440-02-0	Nickel, insoluble, ***inorganic*** compounds, as Ni, ***inhalable fraction***	I	3.6	2.4	0.043	16
7440-02-0	Nickel~~, metal~~ ***elemental, as Ni, inhalable fraction***	I	3.6	2.4	0.043	16
7440-02-0	Nickel, soluble ***inorganic*** compounds, as Ni, ***inhalable fraction***	I	0.36	0.24	0.0043	1.6
7440-06-4	Platinum, soluble salts, ***as Pt***	II	0.010	0.0070	0.00012	0.043
7440-16-6	Rhodium metal ***and insoluble compounds***	III	42	9.9	0.50	161
~~7440-16-6~~	~~Rhodium, insoluble compounds~~	~~III~~	~~42~~	~~9.9~~	~~0.50~~	~~161~~
7440-22-4	Silver metal, ***dust and fume***	II	0.50	0.34	0.0059	2.2
7440-25-7	Tantalum ***metal and oxide***	III	74	50	0.88	321
7440-28-0	Thallium, elemental and soluble compounds, ***as Tl***	I	0.36	0.24	0.0043	1.6
7440-33-7	Tungsten ***metal and*** insoluble compounds	I	18	12	0.21	78
7440-36-0	Antimony ***and compounds, as Sb***	I	1.8	1.2	0.21	7.8
7440-38-2	Arsenic ***and inorganic compounds, as As***	I	0.036	0.024	0.00043	0.16
7440-41-7	Beryllium and compounds, as Be, ***inhalable fraction***	I	~~0.0071~~ ***0.18***	~~0.0048~~ ***0.020***	~~0.000084~~ ***0.0021***	~~0.031~~ ***0.033***
7440-43-9	Cadmium ***and compounds, as Cd***	I	0.036	0.024	0.00043	0.16
7440-47-3	Chromium metal ***and*** Cr III compounds	I	1.8	1.2	0.021	7.8
7440-48-4	Cobalt elemental and inorganic compounds, ***as Co***	I	0.071	0.048	0.00084	0.31
7440-50-8	Copper, dusts and mists, ***as Cu***	I	3.6	2.4	0.043	16
7440-58-6	Hafnium ***and compounds, as Hf***	III	7.4	5.0	0.088	32
~~7440-66-6~~	~~Zinc (as zinc oxide dust)~~	~~II~~	~~50~~	~~34~~	~~0.59~~	~~217~~
~~7440-66-6~~	~~Zinc (as zinc oxide fume)~~	~~II~~	~~25~~	~~17~~	~~0.30~~	~~108~~

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
7440-74-6	Indium ***and compounds, as In***	I	0.36	0.24	0.0043	1.6
~~7631-86-9~~	~~Silica, amorphous, fumed~~	~~II~~	~~10~~	~~6.7~~	~~0.12~~	~~43~~
7758-97-6	Lead chromate, (TLV for Cr) ***as Cr***	I	0.043	0.029	0.00051	0.19
~~7778-18-9~~	~~Calcium sulfate, the anhydride – inhalable fraction~~	~~III~~	~~149~~	~~99~~	~~1.8~~	~~646~~
7782-42-5	Graphite (all forms except graphite fibers), ***respirable fraction***	II	28	6.7	0.33	109
7782-49-2	Selenium ***and compounds, as Se***	I	0.71	0.48	0.0084	3.1
7783-80-4	Tellurium hexafluoride, ***as Te***	I	0.36	0.24	0.0043	1.6
~~7784-40-9~~	~~Lead arsenate~~	~~I~~	~~0.54~~	~~0.36~~	~~0.0064~~	~~2.3~~
7789-06-2	Strontium chromate, ***as Cr***	I	0.0018	0.0012	0.000021	0.0078
7803-52-3	~~Stibine~~ Antimony hydride	I	1.8	1.2	0.021	7.8
~~8032-32-4~~	~~VM&P naphtha~~	~~I~~	~~6850~~	~~3262~~	~~81~~	~~29705~~
~~8030-30-6~~	~~Rubber solvent (naphtha)~~	~~II~~	~~7998~~	~~5332~~	~~95~~	~~34683~~
8052-42-4	Asphalt fumes ~~(as total particulate)~~ ***(Bitumen) fume, as benzene soluble aerosol, inhalable fraction***	II	25	17	0.30	108
9014-01-1	***Subtilisins ~~(100% pure crystalline enzyme)~~ as crystalline active enzyme***	II	0.0010	0.0010	0.000012	0.0043
~~10034-76-1~~	~~Calcium sulfate, the hemihydrate, inhalable fraction~~	~~III~~	~~149~~	~~99~~	~~1.8~~	~~646~~
~~10101-41-4~~	~~Calcium sulfate, the dihydrate, inhalable fraction~~	~~III~~	~~149~~	~~99~~	~~1.8~~	~~646~~
10210-68-1	Cobalt carbonyl, ***as Co***	II	0.50	0.34	0.0059	2.2
~~11292-00-8~~	~~Silica gel~~	~~II~~	~~50~~	~~34~~	~~0.59~~	~~217~~
12001-26-2	Mica, ***respirable fraction***	II	15	10	0.18	65
12079-65-1	Manganese cyclopentadienyl tricarbonyl, ***as Mn***	I	0.36	0.24	0.0043	1.6
12108-13-3	2-Methylcyclopentadienyl manganese tricarbonyl, ***as Mn***	I	0.71	0.48	0.0084	3.1
12656-85-8	Molybdate Orange (as molybdenum, soluble), ***respirable fraction***	I	18	12	0.21	78
13149-00-3	Hexahydrophthalic anhydride, all isomers, ***inhalable fraction and vapor***	II	0.0025	0.0017	0.000030	0.011
~~13397-24-5~~	~~Calcium sulfate, gypsum~~	~~III~~	~~149~~	~~99~~	~~1.8~~	~~646~~
13463-39-3	Nickel carbonyl, ***as Ni***	I	0.43	0.29	0.0051	1.9
13463-40-6	Iron pentacarbonyl, ***as Fe***	I	1.2	0.55	0.014	5.2

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis [C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
13765-19-0	Calcium chromate, ***as Cr***	I	0.0036	0.0024	0.000043	0.016
14484-64-1	Ferbam, ***inhalable fraction***	~~II~~ ***I***	~~50~~ ***18***	~~34~~ ***12***	~~0.59~~ ***0.21***	~~217~~ ***78***
14807-96-6	Talc containing no asbestos fibers, ***respirable fraction***	II	10	6.7	0.12	43
16842-03-8	Cobalt hydrocarbonyl, ***as Co***	II	0.50	0.34	0.0059	2.2
20816-12-0	Osmium tetroxide, ***as Os***	II	0.011	0.0054	0.00013	0.048
25154-54-5	***Dinitrobenzene, mixed isomers***	***II***	***5.0***	***3.4***	***0.060***	***22***
35400-43-2	Sulprofos, ***inhalable fraction***	I	~~3.6~~ ***0.36***	~~2.4~~ ***0.24***	~~0.043~~ ***0.0042***	~~16~~ ***1.5***
65996-93-2	Coal tar pitch volatiles, ***as benzene soluble aerosol***	I	0.71	0.48	0.0084	3.1

Amend Env-A 1450.01(b), table 1450-1, effective 6-1-12 (Document #10133), by:

adding the following to Table 1450-1: Citral, inhalable fraction and vapor and establishing 24-hr and annual AALs and de minimis values;

removing the following from Table 1450-1: Tantalum, metal and oxide; Rhodium, metal and insoluble compounds; Tantalum oxide, as Ta dust; Paraffin wax fume ; Ferrovanadium dust ; Perfluorobutyl ethylene ; Methyl isoamyl ketone ; Iron Salts, soluble, as Fe; Nicotine; Methyl Formate ; Dichlorotetrafluoroethane ; Ammonium chloride fume ; Sulfur hexafluoride; Calcium oxide ; Calcium silicate synthetic nonfibrous, containing no asbestos ; Clopidol; Divinyl benzene; Borate compounds, (sodium borate pentahydrate) inhalable fraction ; sec-Amyl acetate D ; tert-Amyl acetate D ; 3-Amyl acetate D ; 2-Methybutyl acetate D; Vinylidene fluoride; Propylene; Ammonium persulfate ; Silicon tetrahydride ; Dibutyl phosphate, inhalable fraction and vapor ; Ethyl butyl ketone ; Pentane; 2,2-Dimethylpropane ; 1-Hexene ; 2-Methylpentane ; Ethyl amyl ketone ; Potassium persulfate ; Dipropyl ketone ; Adipic acid ; n-Butyl lactate ; Piperazine dihydrochloride ; o-Methylcyclohexanone ; Nonane, all isomers ; 4-Methoxyphenol ; Cesium hydroxide ; Boron oxide ; Methyl propyl ketone ; Isopropyl ether ; Isopropyl acetate ; Disobutyl ketone ; sec-Hexyl acetate ; Isobutyl acetate ; Methyl amyl ketone ; n-Propyl acetate ; Ethyl formate ; Dimethyl sulfide ; tert-Butyl chromate, as CrO3 ; Sodium hydroxide ; m-Xylene a,a'-diamine ; Hexylene glycol ; Cyclopentane ; Methyl acetate ; Phenyl ether, vapor ; Zirconium and compounds ; o-Chlorostyrene; 2,2-dichloropropionic acid ; Barium sulfate ; Ammonium sulfamate ; 1,1,1,2-Tetrachloro-2,2-difluoroethane ; n-Propyl nitrate ; Difluorodibromomethane ; Methylcyclohexane ; Trifluorobromomethane ; Chloropentafluoroethane ; Trichlorofluoromethane ; 1,1,2,2-Tetrachloro-1,2-difluoroethane ; Glycol ethers not otherwise regulated F ; 2,4-Dinitrophenol ; 2-Acetylaminofluorene ; N-Nitrosomorpholine ; 4-Dimethylaminoazobenzene ; Acetamide ; 2,4,5-Trichlorophenol ; Styrene Oxide ; 4-Nitrophenol ; 3,3'-Dimethoxybenzidine ; Dibenzofuran ; Isoamyl acetate D(see pentyl acetate) ; Chloramben ; A-Naphthylamine ; Carbonyl sulfide ; Chlorobenzilate ; 2,2,4-Trimethylpentane ; n-Amyl acetate D(see pentyl acetate) ; N-Nitroso-N-methylurea ; Titanium tetrachloride ;

decreasing the AALs, 24-hr de minimis values, and/or annual de minimis values for certain existing regulated toxic air pollutants in Table 1450-1 as follows: Dieldrin – adding "inhalable fraction and vapor" to the description and lowering the 24-hr and annual AALs and lowering the 24-hr and annual de minimis values; Methyl styrene – adding "alpha" to the description and lowering the 24-hr and annual AAL and 24-hr and annual de minimis; β-Chloroprene – lowering the annual AAL and annual de minimis values; Sodium cyanide and Potassium cyanide – adding "as CN" to the description and lowering the annual AAL and annual de minimis values; Cyanogen – lowering the annual AAL and annual de minimis values; Thallium, elemental and soluble compounds – deleting "elemental and soluble compounds" and adding "and compounds, as Tl, inhalable fraction" to the description and lowering the 24-hr and annual AAL, and the 24-hr and annual de minimis values;

increasing the 24-hr AAL and decreasing the annual AALs, and increasing the 24-hr, and annual de minimis values for Hydrogen cyanide and adding "as CN" to the description;

lowering the toxicity class to II, decreasing the 24-hr and annual AALs and 24-hr and annual de minimis values, and adding "cis" to the description of 1,2-Dichloroethylene;

lowering the toxicity class to I, decreasing the 24-hr and annual AALs and 24-hr and annual de minimis values, and adding "inhalable fraction and vapor" to the description of o-Cresol, m-Cresol, and p-Cresol; and adding "all isomers, inhalable fraction and vapor" to the description of Cresol,

increasing the Toxicity Class to II and lowering the 24-hr and annual AAL, and the 24-hr and annual de minimis values for Thionyl chloride;

adjusting the description of certain existing regulated toxic air pollutants in Table 1450-1 as follows: Barium – adding "and soluble compounds, as Ba" to the description; Yttrium metal and compounds – deleting "metal" from the description and adding "as Y" and to the description; Tellurium, as Te – adding "and compounds" and "excluding hydrogen telluride" to the description; Hydrogenated terphenyls – adding "(nonirradiated)" to the description; Oil Mist, Mineral – changing the description to "Mineral oil, excluding metal working fluids, pure, highly and severely refined, inhalable fraction"; and

correcting CAS# or RTAP name as follows: Diquat dibromide, inhalable fraction (see Diquat, inhalable fraction) – from 85-00-1 to 85-00-7; trans-1,2-Dichloroethylene – from 156-06-5 to 156-60-5; CAS# 528-29-0 [1,2-Dichlorobenzene] – to 1,2-Dinitrobenzene;

inserting the Toxicity Class, 24-hr AAL, annual AAL, 24-hr de minimus, and annual de minimus for Diquat dibromide, inhalable fraction to match Diquat, inhalable fraction;

so that with respect to the aforementioned regulated toxic air pollutants, Env-A 1450.01(b) is cited and read as follows:

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
~~0 – 00 – 0~~	~~Glycol ethers not otherwise regulated [F]~~					~~E~~
~~0 – 00 – 0~~	~~Iron salts, soluble, as Fe~~	~~III~~	~~42~~	~~9.9~~	~~0.50~~	~~161~~
~~51 – 28 – 5~~	~~2,4-Dinitrophenol~~					~~E~~
~~53 – 96 – 3~~	~~2-Acetylaminofluorene~~	~~I~~				~~E~~
~~54 – 11 – 5~~	~~Nicotine~~	~~I~~	~~1.8~~	~~1.2~~	~~0.021~~	~~7.8~~
~~59 – 89 – 2~~	~~N-Nitrosomorpholine~~					~~E~~
~~60 – 11 – 7~~	~~4-Dimethylaminoazobenzene~~	~~I~~				~~E~~
~~60 – 35 – 5~~	~~Acetamide~~					~~E~~
60-57-1	Dieldrin, ***inhalable fraction and vapor***	I	~~0.89~~ ***0.36***	~~0.60~~ ***0.24***	~~0.011~~ ***0.0042***	~~3.9~~ ***1.5***
74-90-8	Hydrogen cyanide, ***as CN***	I	~~18~~ ***19***	~~3.0~~ ***0.80***	~~0.21~~ ***0.23***	~~49~~ ***13***
~~75 – 18 – 3~~	~~Dimethyl sulfide~~	~~III~~	~~529~~	~~252~~	~~6.3~~	~~2294~~
~~75 – 38 – 7~~	~~Vinylidene fluoride~~	~~III~~	~~54583~~	~~12996~~	~~648~~	~~211575~~
~~75 – 61 – 6~~	~~Difluorodibromomethane~~	~~III~~	~~17875~~	~~8512~~	~~212~~	~~77514~~
~~75 – 63 – 8~~	~~Trifluorobromomethane~~	~~III~~	~~90625~~	~~60417~~	~~1077~~	~~392992~~
~~75 – 69 – 4~~	~~Trichlorofluoromethane~~	~~II~~	~~28270~~	~~18846~~	~~336~~	~~122592~~
~~75 – 99 – 0~~	~~2,2-dichloropropionic acid~~	~~III~~	~~74~~	~~50~~	~~0.88~~	~~312~~
~~76 – 11 – 9~~	~~1,1,1,2-Tetrachloro-2,2-difluoroethane~~	~~III~~	~~12406~~	~~8270~~	~~147~~	~~53798~~
~~76 – 12 – 0~~	~~1,1,2,2-Tetrachloro-1,2-difluoroethane~~	~~III~~	~~6203~~	~~4135~~	~~74~~	~~26899~~
~~76 – 14 – 2~~	~~Dichlorotetrafluoroethane~~	~~III~~	~~104018~~	~~69345~~	~~1236~~	~~451070~~
~~76 – 15 – 3~~	~~Chloropentafluoroethane~~	~~III~~	~~263333~~	~~62698~~	~~3129~~	~~1020723~~
~~78 – 78 – 4~~	~~2-Methylpentane~~	~~III~~	~~36875~~	~~17560~~	~~438~~	~~159907~~
~~79 – 20 – 9~~	~~Methyl acetate~~	~~III~~	~~9018~~	~~6012~~	~~107~~	~~39106~~

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
~~85-00-1~~ ***85-00-7***	Diquat dibromide, inhalable fraction (see Diquat, inhalable fraction)	***I***	***1.8***	***1.2***	***0.021***	***7.8***
95-48-7	o-Cresol, ***inhalable fraction and vapor***	~~II~~ ***I***	~~111~~ ***71***	~~74~~ ***48***	~~1.3~~ ***0.84***	~~481~~ ***308***
98-83-9	***alpha*** – Methyl styrene	II	~~1704~~ ***173***	***812*** ***115***	~~20~~ ***2.1***	~~7389~~ ***750***
~~95 – 95 – 4~~	~~2,4,5-Trichlorophenol~~					~~E~~
~~96 – 09 – 3~~	~~Styrene Oxide~~					~~E~~
~~100 – 02 – 7~~	~~4-Nitrophenol~~					~~E~~
~~101 – 84 – 8~~	~~Phenyl ether, vapor~~	~~III~~	~~104~~	~~69~~	~~1.2~~	~~451~~
~~106 – 35 – 4~~	~~Ethyl butyl ketone~~	~~III~~	~~4875~~	~~2321~~	~~58~~	~~21140~~
106-44-5	p-Cresol***, inhalable fraction and vapor***	~~II~~ ***I***	~~111~~ ***71***	~~74~~ ***48***	~~1.3~~ ***0.84***	~~481~~ ***308***
~~107 – 31 – 3~~	~~Methyl formate~~	~~III~~	~~10250~~	~~2440~~	~~122~~	~~39723~~
~~107 – 41 – 5~~	~~Hexylene glycol~~	~~III~~	~~2017~~	~~1200~~	~~24~~	~~8747~~
~~107 – 66 – 4~~	~~Dibutyl phosphate, inhalable fraction and vapor~~	~~III~~	~~104~~	~~50~~	~~1.2~~	~~451~~
~~107 – 87 – 9~~	~~Methyl propyl ketone~~	~~III~~	~~11014~~	~~5244~~	~~131~~	~~47762~~
108-39-4	m-Cresol***, inhalable fraction and vapor***	~~II~~ ***I***	~~111~~ ***71***	~~74~~ ***48***	~~1.3~~ ***0.84***	~~481~~ ***308***
~~108 – 20 – 3~~	~~Isopropyl ether~~	~~III~~	~~21667~~	~~10317~~	~~257~~	~~93958~~
~~108 – 21 – 4~~	~~Isopropyl acetate~~	~~III~~	~~8708~~	~~4147~~	~~103~~	~~37762~~
~~108 – 83 – 8~~	~~Disobutyl ketone~~	~~III~~	~~3021~~	~~1438~~	~~36~~	~~13100~~
~~108 – 84 – 9~~	~~sec-Hexyl acetate~~	~~III~~	~~6146~~	~~2927~~	~~73~~	~~26652~~
~~108 – 87 – 2~~	~~Methylcyclohexane~~	~~III~~	~~23958~~	~~15972~~	~~285~~	~~103893~~
~~109 – 60 – 4~~	~~n-Propyl acetate~~	~~III~~	~~17396~~	~~8284~~	~~207~~	~~75437~~
~~109 – 66 – 0~~	~~Pentane~~	~~III~~	~~36875~~	~~17560~~	~~438~~	~~159907~~
~~109 – 94 – 4~~	~~Ethyl formate~~	~~III~~	~~6312~~	~~3006~~	~~75~~	~~27372~~
~~110 – 12 – 3~~	~~Methyl isoamyl ketone~~	~~III~~	~~9750~~	~~2321~~	~~116~~	~~37786~~

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
~~110 – 19 – 0~~	~~Isobutyl acetate~~	~~III~~	~~14854~~	~~7073~~	~~176~~	~~64414~~
~~110 – 43 – 0~~	~~Methyl amyl ketone~~	~~III~~	~~4854~~	~~2312~~	~~58~~	~~21049~~
~~111 – 84 – 2~~	~~Nonane, all isomers~~	~~III~~	~~15625~~	~~10417~~	~~186~~	~~67757~~
~~115 – 07 – 1~~	~~Propylene~~	~~III~~	~~35833~~	~~8532~~	~~426~~	~~138901~~
~~119 – 90 – 4~~	~~3,3' Dimethoxybenzidine~~	~~I~~				~~E~~
~~123 – 19 – 3~~	~~Dipropyl ketone~~	~~III~~	~~4854~~	~~2312~~	~~58~~	~~21049~~
~~123 – 92 – 2~~	~~Isoamyl acetate (see pentyl acetate)~~					
~~124 – 04 – 9~~	~~Adipic acid~~	~~III~~	~~104~~	~~50~~	~~1.2~~	~~451~~
126-99-8	β-Chloroprene	I	129	~~86~~ ***20***	1.5	~~559~~ ***326***
~~132 – 64 – 9~~	~~Dibenzofuran~~					~~E~~
~~133 – 90 – 4~~	~~Chloramben~~					~~E~~
~~134 – 32 – 7~~	~~A-Naphthylamine~~	~~II~~				~~E~~
~~138 – 22 – 7~~	~~n-Butyl lactate~~	~~III~~	~~625~~	~~298~~	~~7.4~~	~~2710~~
~~142 – 64 – 3~~	~~Piperazine dihydrochloride~~	~~III~~	~~104~~	~~50~~	~~1.2~~	~~451~~
143-33-9	Sodium cyanide, ***as CN***	I	18	~~12~~ ***0.80***	0.21	~~78~~ ***13***
~~150 – 76 – 5~~	~~4-Methoxyphenol~~	~~III~~	~~104~~	~~50~~	~~1.2~~	~~451~~
151-50-8	Potassium cyanide, ***as CN***	I	18	~~12~~ ***0.80***	0.21	~~78~~ ***13***
156-06***60***-5	trans-1,2-Dichloroethylene	II	3989	2659	47	17298
156-59-2	***cis*** 1,2-Dichloroethylene	~~III~~ ***II***	~~16521~~ ***3989***	~~7867~~ ***2659***	~~196~~ ***47***	~~71643~~ ***17298***
~~287 – 92 – 3~~	~~Cyclopentane~~	~~III~~	~~25595~~	~~17063~~	~~304~~	~~110992~~
460-19-5	Cyanogen	II	106	~~70~~ ***0.80***	1.3	~~460~~ ***13***
~~463 – 58 – 1~~	~~Carbonyl sulfide~~					~~E~~
~~463 – 82 – 1~~	~~2,2-Dimethylpropane~~	~~III~~	~~36875~~	~~17560~~	~~438~~	~~159907~~

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
~~510 – 15 – 6~~	~~Chlorobenzilate~~					~~E~~
528 – 29 – 0	1,2-~~Dichlorobenzene~~ ***Dinitrobenzene***	II	5.0	3.4	0.059	22
~~540 – 84 – 1~~	~~2,2,4-Trimethylpentane~~					~~E~~
~~541 – 85 – 5~~	~~Ethyl amyl ketone~~	~~III~~	~~1092~~	~~520~~	~~13~~	~~4735~~
~~583 – 60 – 8~~	~~o-Methylcyclohexanone~~	~~III~~	~~4771~~	~~2272~~	~~57~~	~~20689~~
~~592 – 41 – 6~~	~~1-Hexene~~	~~III~~	~~3669~~	~~1747~~	~~44~~	~~15910~~
~~620 – 11 – 1~~	~~3-Amyl acetate (see pentyl acetate)~~					
~~624 – 41 – 9~~	~~2-Methybutyl acetate (see pentyl acetate)~~					
~~625 – 16 – 1~~	~~tert-Amyl acetate (see pentyl acetate)~~					
~~626 – 38 – 0~~	~~sec-Amyl acetate (see pentyl acetate)~~					
~~627 – 13 – 4~~	~~n-Propyl nitrate~~	~~III~~	~~1592~~	~~1062~~	~~19~~	~~6904~~
~~628 – 63 – 7~~	~~n-Amyl acetate (see pentyl acetate)~~					
~~684 – 93 – 5~~	~~N-Nitroso-N-methylurea~~					~~E~~
~~1189 – 85 – 1~~	~~tert-Butyl chromate, as CrO3~~	~~III~~	~~1.7~~	~~0.99~~	~~0.020~~	~~7.4~~
~~1303 – 86 – 2~~	~~Boron oxide~~	~~III~~	~~149~~	~~99~~	~~1.8~~	~~646~~
~~1305 – 78 – 8~~	~~Calcium oxide~~	~~III~~	~~83~~	~~20~~	~~0.99~~	~~326~~
~~1310 – 73 – 2~~	~~Sodium hydroxide~~	~~III~~	~~33~~	~~20~~	~~0.39~~	~~143~~
~~1314-61-0~~	~~Tantalum oxide, as Ta dust~~	~~III~~	~~74~~	~~50~~	~~0.88~~	~~321~~
1319-77-3	Cresol, ***all isomers, inhalable fraction and vapor***	~~II~~ ***I***	~~111~~ ***71***	~~74~~ ***48***	~~1.3~~ ***0.84***	~~481~~ ***308***
~~1321 – 74 – 0~~	~~Divinyl benzene~~	~~III~~	~~2208~~	~~526~~	~~26~~	~~8563~~
~~1344 – 95 – 2~~	~~Calcium silicate synthetic non-fibrous, containing no asbestos~~	~~III~~	~~417~~	~~99~~	~~5.0~~	~~1612~~
~~1477 – 55 – 0~~	~~m-Xylene a,a'-diamine~~	~~III~~	~~1.7~~	~~0.99~~	~~0.020~~	~~7.4~~
~~2039 – 87 – 4~~	~~o-Chlorostyrene~~	~~III~~	~~4211~~	~~2808~~	~~50~~	~~18261~~
~~2551 – 62 – 4~~	~~Sulfur hexafluoride~~	~~III~~	~~88839~~	~~59226~~	~~1055~~	~~385247~~
~~2971 – 90 – 6~~	~~Clopidol~~	~~III~~	~~149~~	~~99~~	~~1.8~~	~~646~~
5392-40-5	***Citral, inhalable fraction and vapor***	***I***	***89***	***60***	***1.1***	***386***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
~~7440 – 16 – 6~~	~~Rhodium metal and insoluble compounds~~	~~III~~	~~42~~	~~9.9~~	~~0.50~~	~~161~~
~~7440-25-7~~	~~Tantalum, metal and oxide~~	~~III~~	~~74~~	~~50~~	~~0.88~~	~~321~~
7440-28-0	Thallium, ~~elemental~~ and ~~soluble~~ compounds***, as Tl, inhalable fraction***	I	~~0.36~~ ***0.071***	~~0.24~~ ***0.048***	~~0.0043~~ ***0.00084***	~~1.6~~ ***0.31***
7440-39-3	Barium ***and soluble compounds, as Ba***	II	2.5	1.7	0.030	11
7440-65-5	Yttrium ~~metal~~ and compounds, ***as Y***	III	15	9.9	0.18	65
~~7550 – 45 – 0~~	~~Titanium tetrachloride~~					~~E~~
7719-09-7	Thionyl chloride	~~I~~ ***II***	~~20~~ ***3.9***	~~12~~ ***2.3***	~~0.24~~ ***0.046***	~~87~~ ***17***
~~7727 – 21 – 1~~	~~Potassium persulfate~~	~~III~~	~~2.1~~	~~0.99~~	~~0.025~~	~~9.1~~
~~7727 – 43 – 7~~	~~Barium sulfate~~	~~III~~	~~417~~	~~99~~	~~5.0~~	~~1612~~
~~7727 – 54 – 0~~	~~Ammonium persulfate~~	~~III~~	~~2.1~~	~~0.99~~	~~0.025~~	~~9.1~~
~~7773 – 06 – 0~~	~~Ammonium sulfamate~~	~~III~~	~~149~~	~~99~~	~~1.8~~	~~646~~
~~7803 – 62 – 5~~	~~Silicon tetrahydride~~	~~III~~	~~138~~	~~65~~	~~1.6~~	~~598~~
~~7440 – 67 – 7~~	~~Zirconium and compounds~~	~~III~~	~~74~~	~~50~~	~~0.88~~	~~321~~
~~8002 – 74 – 2~~	~~Paraffin wax fume~~	~~III~~	~~83~~	~~20~~	~~0.99~~	~~326~~
8012-95-1	Oil ~~Mist,~~ Mineral ***oil, excluding metal working fluids, pure, highly and severely refined, inhalable fraction***	II	25	17	0.30	108
~~12125 – 02 – 9~~	~~Ammonium chloride fume~~	~~III~~	~~417~~	~~99~~	~~5.0~~	~~1612~~
~~12179 – 04 – 3~~	~~Borate compounds (sodium borate pentahydrate) – inhalable fraction~~	~~III~~	~~83~~	~~20~~	~~0.99~~	~~326~~
~~12604 – 58 – 9~~	~~Ferrovanadium dust~~	~~III~~	~~42~~	~~9.9~~	~~0.50~~	~~161~~
13494-80-9	Tellurium, ***and compounds***, as Te, ***excluding hydrogen telluride***	I	0.36	0.24	0.0043	1.6
~~19430 – 93 – 4~~	~~Perfluorobutyl ethylene~~	~~III~~	~~41,939~~	~~9,986~~	~~498~~	~~162,572~~
~~21351 – 79 – 1~~	~~Cesium hydroxide~~	~~III~~	~~42~~	~~20~~	~~0.50~~	~~182~~
61788-32-7	Hydrogenated terphenyls ***(nonirradiated)***	III	73	49	0.87	317

Amend Env-A 1450.01(b), table 1450-1, eff. 4-4-14 (doc#10550) by:

adding the following: Allyl bromide; Carbonyl sulfide; Diacetyl; o-Phthalodinitrite; Piperazine and salts; and 2,4 - Pentanedione;

removing the following: Dichlorodiflurorомethane; Ethy silicate; Nitroethane; 4,4-Thiobis (6-tert-butyl-m-cresol); Continuous Filament Glass Fiber (respirable); Glass Wool Fibers (length >5, diam.<3); Refractory ceramic fibers; Slag Wool Fibers (length >5, diam.<3); Special Purpose Glass Fiber (length >5, diam.<3); Ethyl carbamate; Hexamethyl phosphoramide; Methyl isobutyl carbinol; Triphenyl phosphate; Bismuth telluride; Magnesium oxide; Ethyl cyanoacrylate; Phosphoric acid; Methylcyclohexanol; Soapstone, containing no asbestos, inhalable dust; and Soapstone, containing no asbestos, respirable dust;

amending existing regulated toxic air pollutants as follows: Acetic anhydride – decreasing the 24- hour and annual AAL, and lowering the toxicity class to I; Maleic anhydride – lowering the 24-hour and annual AAL; Methyl isopropyl ketone – lowering the 24-hour and annual AAL, and lowering the toxicity class to I; Hexachloroethane – raising the annual AAL; Trichloroethylene – lowering the 24-hour and annual AAL; Trichloroacetic acid – lowering the 24-hour and annual AAL, and lowering toxicity class to I; Methylene chloride – raising annual AAL; Perchloroethylene – lowing annual AAL; Tetrahydrofuran – raising 24-hour and annual AAL;

so that Env-A 1450.01 reads as follows:

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] ($\mu g/m^3$)	Annual AAL[B] ($\mu g/m^3$)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
~~0-00-0~~	~~Soapstone, containing no asbestos, inhalable dust~~	~~II~~	~~30~~	~~20~~	~~0.36~~	~~130~~
~~0-00-0~~	~~Soapstone, containing no asbestos, respirable dust~~	~~II~~	~~15~~	~~10~~	~~0.18~~	~~65~~
~~0-00-0~~	~~Continuous Filamet Glass Fiber (respirable)~~	~~II~~				~~E~~
~~0-00-0~~	~~Glass Wool Fibers (length>5, diam.<3)~~	~~II~~				~~E~~
~~0-00-0~~	~~Refractory ceramic fibers~~	~~I~~	~~0.71~~	~~0.48~~	~~0.0084~~	~~3.1~~
~~0-00-0~~	~~Rock Wool Fibers (length>5, diam.<3)~~	~~II~~				~~E~~
~~0-00-0~~	~~Slag Wool Fibers (length>5, diam.<3)~~	~~II~~				~~E~~
~~0-00-0~~	~~Special Purpose Glass Fiber (length>5, diam.<3)~~	~~II~~				~~E~~
~~51-79-6~~	~~Ethyl carbamate (Urethane)~~					~~E~~
67-72-1	Hexachloroethane	I	35	~~23~~ ***30***	0.42	152
75-09-2	Methylene chloride (Dichloromethane)	I	621	~~414~~ ***600***	7.4	2693
~~75-71-8~~	~~Dichlorodiflouromethane~~	~~III~~	~~73661~~	~~49107~~	~~875~~	~~319428~~
76-03-9	Trichloroacetic acid	~~II~~ ***I***	~~34~~ ***24***	~~22~~ ***16***	~~0.40~~ ***0.29***	~~147~~ ***104***
~~78-10-4~~	~~Ethyl silicate~~	~~III~~	~~1265~~	~~843~~	~~15~~	~~5486~~

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
79-01-6	Trichloroethylene	I	~~192~~ ***2.0***	~~128~~ ***2.0***	~~2.3~~ ***0.024***	~~833~~ ***8.7***
~~79-24-3~~	~~Nitroethane~~	~~III~~	~~4568~~	~~3046~~	~~54~~	~~19809~~
91-15-6	***o-Phthalodinitrite***	***II***	***7.0***	***3.4***	***0.084***	***31***
~~96-69-5~~	~~4,4-Thiobis (6-tert-butyl-m-cresol)~~	~~II~~	~~50~~	~~34~~	~~0.59~~	~~217~~
106-95-6	***Allyl bromide***	***I***	***2.5***	***1.2***	***0.029***	***11***
~~108-11-2~~	~~Methyl isobutyl carbinol~~	~~III~~	~~4333~~	~~1032~~	~~51~~	~~16801~~
108-24-7	Acetic anhydride	~~II~~ ***I***	~~148~~ ***21***	~~70~~ ***10***	~~1.8~~ ***0.25***	~~642~~ ***91***
108-31-6	Maleic anhydride	II	~~2.0~~ ***0.050***	~~1.3~~ ***0.034***	~~0.024~~ ***0.00059***	~~8.7~~ ***0.22***
109-99-9	Tetrahydrofuran	II	~~792~~ ***2000***	~~494~~ ***2000***	~~8.8~~ ***24***	~~3218~~ ***8673***
110-85-0	***Piperazine and salts (as piperazine)***	***II***	***0.50***	***0.24***	***0.0059***	***2.2***
~~115-86-6~~	~~Triphenyl phosphate~~	~~III~~	~~45~~	~~30~~	~~0.53~~	~~195~~
123-54-6	***2,4-Pentanedione***	***I***	***366***	***244***	***4.3***	***1587***
127-18-4	Perchloroethylene	I	607	~~405~~ ***40***	7.2	~~2632~~ ***651***
431-03-8	***Diacetyl***	***II***	***0.25***	***0.12***	***0.0029***	***1.1***
463-58-1	***Carbonyl sulfide***	***II***	***87***	***41***	***1.0***	***377***
563-80-4	Methyl isopropyl ketone	~~II~~ ***I***	~~4965~~ ***352***	~~2364~~ ***168***	~~59~~ ***4.2***	~~21531~~ ***1526***
~~1304-82-1~~	~~Bismuth telluride~~	~~II~~	~~25~~	~~17~~	~~0.30~~	~~108~~
~~1309-48-4~~	~~Magnesium oxide, inhalable fraction~~	~~III~~	~~208~~	~~99~~	~~2.5~~	~~902~~
~~7085-85-0~~	~~Ethyl cyanoacrylate~~	~~III~~	~~42~~	~~9.9~~	~~0.50~~	~~161~~
~~7664-38-2~~	~~Phosphorid acid~~	~~III~~	~~15~~	~~10~~	~~0.18~~	~~65~~
~~25639-42-3~~	~~Methylcyclohexanol~~	~~III~~	~~3482~~	~~2321~~	~~41~~	~~15100~~

Amend Env-A 1450.01(b), table 1450-1, eff. 12-30-16 (doc#12063) by:

adding the following: Peracetic acid, inhalable fraction and vapor; Ethyl isocyanate; N,N-Diethylhydroxylamine; Manganese, inorganic compounds as Mn;

removing the following: a duplicate of Biphenyl; Silicon carbide: fibrous

amending existing regulated toxic air pollutants as follows: Methanol - raising 24-hour and annual AAL; Trichloroacetic acid – lowerin the 24-hour and annual AAL; Biphenyl - raising 24-hour and annual AAL; 1-Bromopropane – lowering the 24-hour and annual AAL; 1,4-Dioxane – lowering the annual AAL; Dimethylamine – lowering the 24-hour AAL; Tributyl phosphate (IFV) – increase 24-hour and annual AAL; Methyl isocyanate – lowering the 24-hour and annual AAL; Ethyl tert-butyl ether - increase 24-hour and annual AAL; Subtilisins, as crystalline active enzyme – lowering the 24-hour and annual AAL; Atrazine – lowering the 24-hour and annual AAL; Manganese, elemental, as Mn – lowering 24-hour AAL; Manganese, inorganic compounds as Mn – lowering 24-our AAL; Nickel carbonyl as Ni – raising 24-hour and annual AAL; Ethylidene norbornene – lowering the 24-hour and annual AAL; Methomyl (IFV) – lowering the 24-hour and annual AAL

so that Env-A 1450.01 reads as follows

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] ($\mu g/m^3$)	Annual AAL[B] ($\mu g/m^3$)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
52-68-6	Trichlorphon, inhalable fraction	I	3.6	2.4	~~0.43~~ ***0.043***	16
64-17-5	Ethanol	~~II~~ ***I***	6714	4476	80	29115
67-56-1	Methanol	~~II~~ ***I***	~~1318~~ ***20000***	~~879~~ ***20000***	~~16~~ ***238***	~~5715~~ ***86729***
75-00-3	Ethyl chloride	***I***	10000	10000	119	43365
76-03-9	Trichloroacetic acid	I	~~24~~ ***12***	~~16~~ ***8.0***	~~0.29~~ ***0.14***	~~104~~ ***52***
79-21-0	***Peracetic acid, inhalable fraction and vapor***	***I***	***6.2***	***3.0***	***0.074***	***27***
92-52-4	Biphenyl	~~II~~ ***I***	~~6.5~~ ***4.6***	~~4.4~~ ***3.1***	~~0.077~~ ***0.055***	~~28~~ ***20***
~~92-52-4~~	~~Biphenyl~~	~~II~~	~~6.5~~	~~4.4~~	~~0.077~~	~~28~~
102-54-5	Dicyclopentadienyl ~~ion~~ ***iron***, as Fe	II	50	34	0.59	217
106-94-5	1-Bromopropane	~~III~~ ***I***	~~2096~~ ***1.8***	~~499~~ ***1.2***	~~25~~ ***0.021***	~~8124~~ ***7.8***
108-08-7	2,4-Dimrthylpentane (see Heptane, all isomers, ***CAS# 142-82-5***)					
109-90-0	***Ethyl isocyanate***	***I***	***0.29***	***0.14***	***0.0034***	***1.3***
110-85-0	Piperazine and salts (as piperazine)	~~II~~ ***I***	0.50	0.24	0.0059	2.2

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
123-91-1	1,4-Dioxane	I	258	~~172~~ ***30***	3.1	~~1119~~ ***488***
124-40-3	Dimethylamine	II	~~46~~ ***65***	31	~~0.55~~ ***0.77***	~~199~~ ***282***
126-73-8	Tributyl phosphate, inhalabel fraction	II	~~11~~ ***25***	~~7.4~~ ***17***	~~0.13~~ ***0.30***	~~48~~ ***108***
~~409-21-2~~	~~Silicon carbide: fibrous~~	~~I~~	~~0.36~~	~~0.24~~	~~0.0043~~	~~1.6~~
565-59-3	2,3-Dimethylpentane (see Hepatne, all isomers, ***CAS# 142-82-5***)					
589-34-4	3-Methylhexane (see Hepatne, all isomers, ***CAS# 142-82-5***)					
590-35-2	2,2-Dimethylpentane (see Hepatne, all isomers, ***CAS# 142-82-5***)					
591-76-4	2-Methylhexane (see Hepatne, all isomers, ***CAS# 142-82-5***)					
624-83-9	Methyl isocyanate	I	~~0.24~~ ***0.17***	0.11	~~0.0029~~ ***0.0020***	~~1.0~~ ***0.73***
624-92-0	Dimethy ***di***sulfide	II	9.7	6.5	0.12	42
637-92-3	Ethyl tert-butyl ether (ETBE)	II	~~147~~ ***736***	~~70~~ ***350***	~~1.7~~ ***8.7***	~~637~~ ***3192***
1395-21-7	Subtilisins, as crystalline active enzyme	II	~~0.0010~~ ***0.00030***	~~0.0010~~ ***0.00020***	0.000012	0.0043
1912-24-9	Atrazine (and related symmetrical triazines)(I)	I	~~18~~ ***7.1***	~~12~~ ***4.8***	~~0.21~~ ***0.085***	~~78~~ ***31***
3710-84-7	***N,N-Diethylhydroxylamine***	***I***	***36***	***17***	***0.43***	***156***
6385-62-2	Diquat dibromide monohydrate, inhalable fraction (see Diquat, inhalable fraction, ***CAS# 2764-72-9***)					
7439-96-5	Manganese, elemental ~~and inorganic compounds~~, as Mn	II	~~1.0~~ ***0.10***	0.050	~~0.012~~ ***0.0012***	~~0.81~~ ***0.44***
7439-96-5	***Manganese inorganic compounds, as Mn***	***II***	***0.50***	***0.050***	***0.0060***	***0.81***
13149-00-3	Hexahydrophthalic anhydride, ~~all~~ ***cis***-isomers, inhalable fraction and vapor	II	0.0025	0.0017	0.000030	0.011
13463-39-3	Nickel carbonyl, as Ni	I	~~0.43~~ ***1.2***	~~0.29~~ ***0.83***	~~0.0051~~ ***0.015***	~~1.9~~ ***5.4***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
16219-75-3	Ethylidene norbornene	I	~~89~~ ***35***	~~60~~ ***23***	~~1.1~~ ***0.42***	~~386~~ ***152***
16752-77-5	Methonyl inhalable fraction and vapor	I	~~8.9~~ ***0.71***	~~6.0~~ ***0.48***	~~0.11~~ ***0.0085***	~~39~~ ***3.1***

Amend Env-A 1450.01(b), table 1450-1, eff. 01-05-18 (doc#2017-141) by:

adding the following: Steric acid; Diquat dibromide, respirable fraction; Carbazole (as coal tar pitch volatiles); Phenyl isocyanate; 1-Butene; 2-Butene; Methyl formate; Diethylene glycol monobutyl ether(DGME) inhalable fraction and vapor; Anthracene (as coal tar pitch volatiles); Simazine, inhalable fraction; Acridine; Cyanogen bromide; 1,2,3-Trimethylbenzene (as trimethylbenzene); cis-2-Butene; trans-2-Butene; Calcium silicate, naturally occurring as Wollastonite, inhalable fraction containing no asbestos and <1% crystalline silica; o-Chlorostyrene; Diquat, respirable fraction; Oxalic acid, dihydrate; Diquat dibromide monohydrate, respirable fraction (see Diquat, respirable fraction, CAS# 2764-72-9); Platinum metal; Ferrous sulfate (iron salts as Fe); Lead chromate, as Pb; Boron trichloride; Ferric nitrate (iron salts as Fe); Hard metal containing cobalt and tungsten carbide, as Co thoracic particulate matter; Borate compounds, inorganic (sodium tetraborate pentahydrate), inhalable fraction; Butene, all isomers;

removing the following: Fibrous Glass Dust; Hexane, isomers other than n-Hexane (CAS# 110-54-3); Glycerin mist; Plaster of Paris (as calcium sulfate by ACGIH);

adjusting the description of certain existing regulated toxic air pollutants, or CAS# as follows: changing “Continuous Filament Glass Fiber, inhalable” to “Synthetic vitreous fibers, Continuous filament glass fiber, inhalable fraction”, “Propiolacetone” to “B-Propiolacetone”, “Nitrotoluene” to “2-Nitrotoluene”, “2,6-Toluene diisocyanate” to “2,6-Toluene diisocyanate, inhalable fraction and vapor (or as TDI mixture)”, “Xylene, o-isomers” to “o-Xylene”, “Xylene, p-isomers” to “p-Xylene”, “Xylene, m-isomers” to “m-Xylene”, “Octane” to “Octane, all isomers”, “Oxalic acid” to “Oxalyci acid, anhydrous”, ; “1,2-Dichloroethylene” to “1,2-Dichloroethylele, all isomers”, ;Toluene-2,4-diisocyanate” to “ Toluene-2,4-diisocyanate, inhalable fraction and vapor (or as TDI mixture)”, “Calcium cyanide” to “Calcium cyanide (as CN)”, “Methylene (4-cyclohexylisocyanate)” to “Methylene bis(4-cyclohexylisocyanate)”, “Silver soluble compounds” to “Silver and compounds as Ag, soluble compounds”, “Tin, organic compounds” to “Tin, inorganic compounds, as Sn”, “Tungsten metal and insoluble compounds” to “Tungsten metal and insoluble compounds, as W”, Tungsten soluble compounds” to “Tungsten soluble compounds, as W”, “Cobalt elemental and organic compounds, as Co” to “Hard metal containing cobalt and tungsten carbide, as Co, thoracic particulate matter”, “Hydrogen selenide” to “Hydorgen selenide, as Se”, “Selenium hexafluoride” to “Selenium hexafluoride, as Se”, “Zinc chromate” to “Zinc chromate, as Zn”, “Trimethylbenzene” to “Trimethylbenzene (mixed isomers)”, “Toluene 1,3-diisocyanate 2,4 and 2,6 (as TDI)” to “2,4- and 2,6-Toluene diisocyanate (as mixture), inhalable fraction and vapor”, “Dipropylene glycol methyl ether” to “2-(2-methoxymethylethoxy)propanol”, “Sulfonofos, inhalable fraction” to “Sulfonofos, inhalable fraction and vapor”, “Zinc chromates” to “Zinc chromates, as Zn”; adding “inhalable fraction” to: Wood Dust (western red cedar), Wood Dust (oak and beech), Wood dust (birch, mahogany, teak and walnut), and Wood Dust (all other species), Warfrin, 2,4,-D, Nickel monoxide (as Ni, soluble compounds), Nickel peroxide (as Ni, soluble compound), Atrazine (and related symmetrical triazines), Lithium hydride, Nickel sulfate (as Ni, soluble compound), Nickel subsulfide (as Ni); adding “inhalable fraction and vapor” to: Triorthocresyl phosphate, Pentachlorophenol, o-Phthalodinitrile, Maleic anhydride, Piperazine and salts (as piperizine), Propoxur, Hexahydrophthalic anhydride, trans-isomer; adding “respirable fraction” to: Manganese, elemental, as Mn, Manganese, inorganic compounds as Mn, Cadmium and compounds, as Cd; changing CAS# 72-55-9 to 3547-04-4 forDDE (1,1-Dichloro-2,2-bis(p-Chlorophenyl; and

amending existing regulated toxic air pollutants as follows: Acetone - lowering 24-hour and annual AAL; Triorthocresyl phosphate, inhalable fraction and vapor – lowering Toxicity Class, lowering 24-hour and annual AAL; Warfrin, inhalable fraction - lowering 24-hour and annual AAL; 2,6-Toluene diisocyanate, inhalable fraction and vapor (or as TDI mixture) – lowering 24-hour and annual AAL; 1,2,4-Trimethylbenzene (as trimethylbenzene) – lowering 24-hour and annual AAL; 1,2,3-Trichloropropane – lowering 24-hour AAL; 1,3,5-Trimethylbenzene (as trimentylbenzene) – lowering 24-hour and annual AAL; Propoxur, inhalable fraction and vapor – lowering annual de minimis level; Triethylamine – lowering 24-hour AAL; n-Butyl acetate – lowering 24-hour and annual AAL; Oxalic acid, anhydrous – lowering Toxicity Classification, lowering 24-hour and annual AAL; Cyanogen – lowering the 24-hour and annual AAL; Toluene-2,4-diisocyanate, inhalable fraction and vapor (or as TDI mixture) – lowering 24-hour and annual AAL; Calcium cyanide, as CN – lowering annual AAL; Cadmium and compounds, Cd respirable fraction – lowering the 24-hour and annual AAL; Hard metal containing cobalt and tungsten carbide, as Co, thoracic particulate matter – lowering 24-hour and annual AAL; Lithium hydride, inhalable fraction – lowering 24-hour AAL and annual AAL; Boron trifluoride – lowering 24-hour AAL and annual AAL; Ammonia – lowering 24-hour and annual AAL; Boron tribromide – lowering 24-hour AAL and annual AAL; 2,4- & 2,6-Toluene diisocyanate (as mixture), inhalable fraction and vapor – lowering the 24-hour and annual AAL;

so that Env-A 1450.01 reads as follows:

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
0-00-0	***Synthetic vitreous fibers***, Continuous Filament Glass Fiber, inhalable ***fraction***	II	70	17	0.83	277
~~0-00-0~~	~~Fibrous Glass Dust~~	~~II~~	~~141~~	~~34~~	~~1.7~~	~~554~~
~~0-00-0~~	~~Hexane, isomers other than n-Hexane (CAS# 110-54-3)~~	~~II~~	~~885~~	~~700~~	~~11~~	~~3838~~
0-00-0	Wood Dust (western red cedar) ***inhalable fraction*** (see Env-A 1450.01(a))	II	2.5	1.7	0.030	11
0-00-0	Wood Dust (oak and beech) ***inhalable fraction*** (see Env-A 1450.01(a))	I	3.6	2.4	0.043	16
0-00-0	Wood Dust (birch, mahogany, teak and walnut) ***inhalable fraction*** (see Env-A 1450.01(a))	I	3.6	2.4	0.043	16
0-00-0	Wood Dust (all other species) ***inhalable fraction*** (see Env-A 1450.01(a))	III	15	9.9	0.18	65
~~56-81-5~~	~~Glycerin mist~~	~~I~~	~~36~~	~~24~~	~~0.43~~	~~156~~
57-11-4	***Steric acid***	***III***	***208***	***99***	***2.5***	***903***
57-57-8	***B***-Propiolacetone	I	7.5	3.6	0.089	33
67-64-1	Acetone	I	~~4243~~ ***2120***	~~2829~~ ***1413***	~~50~~ ***25***	~~18400~~ ***9193***
~~72-55-9~~ ***3547-04-4***	DDE (1,1-Dichloro-2,2-bis(p-Chlorophenyl))	I	0.10	0.10	0.0012	0.43
78-30-8	Triorthocresyl phosphate, ***inhalable fraction and vapor***	~~II~~ ***I***	~~0.50~~ ***0.071***	~~0.34~~ ***0.048***	~~0.0059~~ ***0.00085***	~~2.2~~ ***0.31***
81-81-2	Warfrin***, inhalable fraction***	I	~~0.36~~ ***0.036***	~~0.24~~ ***0.024***	~~0.0043~~ ***0.00042***	~~1.6~~ ***0.15***
85-00-7	***Diquat dibromide, respirable fraction***	***I***	***0.36***	***0.24***	***0.0042***	***1.5***
86-74-8	***Carbazole (as coal tar pitch volatiles)***	***I***	***0.71***	***0.48***	***0.0085***	***3.1***
87-86-5	Pentachlorophenol, ***inhalable fraction and vapor***	I	1.8	1.2	0.021	7.8
91-08-7	2,6-Toluene diisocyanate, ***inhalable fraction and vapor*** (***or*** as TDI ***mixture***)	I	~~0.13~~ ***0.025***	~~0.086~~ ***0.017***	~~0.0015~~ ***0.00030***	~~0.56~~ ***0.11***
91-15-6	o-Phthalodinitrile, ***inhalable fraction and vapor***	II	7.0	3.4	0.084	31
94-75-7	2,4-D, ***inhalable fraction***	I	36	24	0.43	156
95-47-6	***o***-Xylene, ~~o-isomers~~	I	1550	100	18	1628

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
95-63-6	1,2,4-Trimethylbenzene (as trimethylbenzene)	II	~~619~~ ***618***	~~412~~ ***60***	~~7.4~~ ***7.3***	~~2684~~ ***977***
96-18-4	1,2,3-Trichloropropane	I	~~214~~ ***0.30***	0.30	~~2.5~~ ***0.0036***	~~4.9~~ ***1.3***
103-71-9	***Phenyl isocyanate***	***I***	***0.087***	***0.058***	***0.0010***	***0.38***
106-42-3	***p***-Xylene, ~~p-isomers~~	I	1550	100	18	1628
106-98-9	***1-Butene***	***II***	***2886***	***1924***	***34***	***12515***
107-01-7	***2-Butene***	***II***	***2886***	***1924***	***34***	***12515***
107-31-3	***Methyl formate***	***III***	***2558***	***1218***	***30***	***11094***
108-31-6	Maleic anhydride, ***inhalable fraction and vapor***	II	0.050	0.034	0.00059	0.22
108-38-3	***m***-Xylene ~~m-isomers~~	I	1550	100	18	1628
108-67-8	1,3,5-Trimethylbenzene (as trimethylbenzene)	II	~~619~~ ***618***	~~412~~ ***60***	~~7.4~~ ***7.3***	~~2684~~ ***977***
110-85-0	Piperazine and salts (as piperizine), ***inhalable fraction and vapor***	I	0.50	0.24	0.0059	2.2
112-34-5	***Diethylene glycol monobutyl ether (DGME) inhalable fraction and vapor***	***III***	***1382***	***658***	***16***	***5994***
114-26-1	Propoxur ***inhalable fraction and vapor***	I	1.8	1.2	0.021	~~7.8~~ ***7.7***
120-12-7	***Anthracene (as coal tar pitch volatiles)***	***I***	***0.71***	***0.48***	***0.0085***	***3.1***
121-44-8	Triethylamine	II	~~21~~ ***10***	7.0	~~0.25~~ ***0.12***	~~91~~ ***45***
122-34-9	***Simazine, inhalable fraction***	***I***	***1.8***	***1.2***	***0.021***	***7.7***
123-86-4	n-Butyl acetate	II	~~3587~~ ***1673***	~~2391~~ ***797***	~~43~~ ***20***	~~15555~~ ***7254***
144-62-7	Oxalic acid, ***anhydrous***	~~II~~ ***I***	~~5.0~~ ***3.6***	~~3.4~~ ***2.4***	~~0.059~~ ***0.042***	~~22~~ ***15***
260-94-6	***Acridine***	***I***	***0.71***	***0.48***	***0.0085***	***3.1***
506-68-3	***Cyanogen bromide***	***I***	***6.5***	***4.4***	***0.078***	***28***
526-73-8	***1,2,3-Trimethylbenzene (as trimethylbenzene)***	***II***	***618***	***60***	***7.3***	***977***
540-59-0	1,2-Dichloroethylene, ***all isomers***	III	16521	7867	196	71643

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
584-84-9	2,4-Toluene diisocyanate, ***inhalable fraction and vapor (or as TDI mixture)***	I	~~0.13~~ ***0.025***	~~0.086~~ ***0.017***	~~0.0015~~ ***0.00030***	~~0.56~~ ***0.11***
590-18-1	***cis-2-Butene***	***II***	***2886***	***1924***	***34***	***12515***
592-01-8	Calcium cyanide (***as CN***)	I	18	~~12~~ ***0.80***	0.21	~~78~~ ***13***
624-64-6	***trans-2-Butene***	***II***	***2886***	***1924***	***34***	***12515***
1313-99-0	Nickel monoxide (as Ni, soluble compound), ***inhalable fraction***	I	0.36	0.24	0.0043	1.6
1314-06-3	Nickel peroxide (as Ni, soluble compound), ***inhalable fraction***	I	0.36	0.24	0.0043	1.6
1344-95-2	***Calcium silicate, naturally occurring as Wollastonite, inhalable fraction containing no asbestos and <% crystalline silica***	***II***	***5.0***	***3.4***	***0.060***	***22***
2039-87-4	***o-Chlorostyrene***	***III***	***4218***	***2812***	***50***	***18290***
2764-72-9	***Diquat, respirable fraction***	***I***	***0.36***	***0.24***	***0.0042***	***1.5***
5124-30-1	Methylene ***bis***(4-cyclohexylisocyante)	III	0.80	0.54	0.0095	3.5
6153-56-6	***Oxalic acid, dihydrate***	***I***	***3.6***	***2.4***	***0.042***	***15***
6385-62-2	***Diquat dibromide monohydrate, respirable fraction (see Diquat, respirable fraction, CAS# 2764-72-9)***					
7439-96-5	Manganese, elemental, as Mn***, respirable fraction***	II	0.10	0.050	0.0012	0.44
7439-96-5	Manganese, inorganic compounds, as Mn, ~~inhalable~~ ***respirable*** fraction	II	0.50	0.050	0.0060	0.81
7440-06-4	***Platinum metal***	***I***	***5.0***	***3.4***	***0.060***	***22***
7440-22-4	Silver ***and compounds as Ag***, soluble compounds	II	0.050	0.034	0.00059	0.22
7440-31-5	Tin, organic compounds, ***as Sn***	I	0.36	0.24	0.0043	1.6
7440-33-7	Tungsten metal and insoluble compounds, ***as W***	I	18	12	0.21	78
7440-33-7	Tungsten soluble compounds, ***as W***	I	5.0	2.4	0.059	22
7440-43-9	***Cadmium and compounds, as Cd, respirable fraction***	***I***	***0.0071***	***0.0048***	***0.000085***	***0.031***
7440-48-4	~~Cobalt elemental and inorganic compounds, as Co~~ ***Hard metal containing cobalt and tungsten carbide, as Co thoracic particulate matter***	I	~~0.071~~ ***0.018***	~~0.048~~ ***0.012***	~~0.00084~~ ***0.00021***	~~0.31~~ ***0.077***
7440-61-1	Uranium (natural) soluble and insoluble, ***as U***	I	0.71	0.48	0.0084	3.1

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
7580-67-8	Lithium hydride, ***inhalable fraction***	III	~~0.52~~ ***0.83***	~~0.25~~ ***0.50***	~~0.0062~~ ***0.0099***	~~2.3~~ ***3.6***
7637-07-2	Boron trifluroide	I	~~11~~ ***1.0***	~~6.7~~ ***0.68***	~~0.13~~ ***0.012***	~~48~~ ***4.4***
7664-41-7	Ammonia	II	~~100~~ ***500***	~~100~~ ***500***	~~1.2~~ ***5.9***	~~434~~ ***2168***
7720-78-7	***Ferrous sulfate (iron salts, soluble, as Fe)***	***I***	***5.0***	***2.4***	***0.059***	***22***
7758-97-6	***Lead chromate, as Pb***	***I***	***0.18***	***0.12***	***0.0021***	***0.77***
7783-07-5	Hydrogen selenide, ***as Se***	I	0.57	0.38	0.0068	2.5
7783-79-1	Selenium hexafluoride***, as Se***	I	0.57	0.38	0.0068	2.5
7786-81-4	Nickel sulfate (as Ni, soluble compounds***), inhalable fraction***	I	0.36	0.24	0.0043	1.6
10294-33-4	Boron tribromide	III	~~149~~ ***120***	~~99~~ ***71***	~~1.8~~ ***1.4***	~~646~~ ***518***
10294-34-5	***Boron trichloride***	***III***	***56***	***33***	***0.66***	***243***
10421-48-4	***Ferric nitrate (iron salts, soluble, as Fe)***	***III***	***21***	***9.9***	***0.25***	***90***
11103-86-9	Zinc chromates, ***as Cr***	I	0.036	0.024	0.00043	0.16
12035-72-2	Nickel subsulfide (as Ni), ***inhalable fraction***	I	0.36	0.24	0.0043	1.6
12070-12-1	***Hard metal containing cobalt and tungsten carbide, as Co thoracic particulate matter***	***I***	***0.018***	***0.012***	***0.00021***	***0.077***
12179-04-3	***Borate compounds, inorganic (sodium tetraborate pentahydrate), inhalable fraction***	***I***	***7.1***	***4.8***	***0.084***	***31***
13530-65-9	Zinc chromate, ***as Cr***	I	0.036	0.024	0.00043	0.16
14166-21-3	Hexahydrophthalic anhydride, trans-isomer, ***inhalable fraction and vapor***	II	0.0025	0.0017	0.000030	0.011
25167-67-3	***Butene, all isomers***	***II***	***2886***	***1924***	***34***	***12515***
25551-13-7	Trimethylbenzene ***(mixed isomers)***	II	619	412	7.4	2684
26140-60-3	Terphenyls ***(o-, m- & p- isomers)***	II	25	17	0.30	108
26471-62-5	***2,4- & 2,6-*** Toluene ~~1,3-~~diisocyanate ~~2,4 and 2,6~~ (as ~~TDI~~ ***a mixture***), ***inhalable fraction and vapor***	I	~~0.13~~ ***0.025***	0.070	~~0.0015~~ ***0.00030***	~~0.56~~ ***0.11***
~~26499-65-0~~	~~Plaster of Paris (as calcium sulfate by ACGIH)~~	~~III~~	~~149~~	~~99~~	~~1.8~~	~~646~~

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De Minimis[C] (lbs/day)	Annual De Minimis[C] (lbs/yr)
34590-94-8	~~Dipropylene glycol methyl ether~~ ***2-(2-Methoxymethylethoxy)propanol***	II	3048	2032	36	13218
35400-43-2	Sulprofos, inhalable fraction ***and vapor***	I	0.36	0.24	0.0042	1.5
37300-23-2	Zinc chromates, ***as Cr***	I	0.036	0.024	0.00043	0.16

Amend Env-A 1450.01(b), table 1450-1, eff. 02-03-2022 (doc#2021-82) by:

(1) **deleting** the following compounds: Methyl acetylene; N-Dimethylaminoethanol; Paraquat dichloride, respirable fraction; Paraquat dichloride, total dust; Paraquat dimethyl sulfate, resp fraction; Paraquat dimethylsulfate, total dust; Paraquat, respirable fraction; Paraquat, total dust; Tungsten, soluble compounds, as W; Chromium insoluble (CrVI compounds); Chromium metal and CrIII compounds; Chromium water soluble (CrVI) compounds; Potassium permanganate, as manganese; Lead chromate, as Pb; Sodium persulfate; Rosin core solder thermal decomposition products; Zinc chromates, as Cr; Borate compounds (Sodium tetraborate pentahydrate), inhalable fraction; Zinc chromates, as Cr; Methylacetylene-propadiene mixture;

(2) **adding** the following: Borate compounds, inorganic inhalable fraction; Methyltetrahydrophthalic anhydride isomers; Stearates, inhalable fraction; Stearic acid, respirable fraction (see Stearates, respirable fraction CAS# 0-00-0); Acetamide, inhalable fraction and vapor; Cobalt acetate, as Co, inhalable fraction (see Cobalt and inorganic compounds as Co, inhalable fraction, CAS# 7440-48-4); tert-Butyl hydorperoxide; 3,4-Dimethylphenol, inhalable fraction and vapor (see Dimethylphenol, mixed isomers, inhalable fraction and vapor, CAS# 1300-71-6); 2,5- Dimethylphenol, inhalable fraction and vapor (see Dimethylphenol, mixed isomers, inhalable fraction and vapor, CAS# 1300-71-6); Allyl methacrylate; 2,4-Dimethylphenol, inhalable fraction and vapor (see Dimethylphenol, mixed isomers, inhalable fraction and vapor, CAS# 1300-71-6); Hexylene glycol, vapor fraction; Isopropyl acetate (see Propyl acetate, CAS# 109-60-4); 3,5-Dimethylphenol, inhalable fraction and vapor (see Dimethylphenol, mixed isomers, inhalable fraction and vapor, CAS# 1300-71-6); n-Propyl acetate; Boron trifluoride diethyl ether, as BF_3; Aldicarb inhalable fraction and vapor; Monomethylformamide; Folpet, inhalable fraction; Boron trifluoride dimethyl ether, as BF_3; Cobaltous carbonate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-4); 2,3-Dimethylphenol, inhalable fraction and vapor (see Dimethylphenol, mixed isomers, inhalable fraction and vapor, CAS# 1300-71-6); Barium acetate, as Ba (see Barium and soluble compounds, as Ba, CAS# 7440-39-3); Zinc sterate, respirable fraction (see Sterates, respirable fraction, CAS# 0-00-0); 2,6-Dimethylphenol, inhalable fraction and vapor (see Dimethylphenol, mixed isomers, inhalable fraction and vapor, CAS# 1300-71-6); 2,3-Dinitrotoluene; 2,6-Dinitrotoluene (see 2,3-Dinitrotoluene, CAS# 602-01-7); 3,4-Dinitrotoluene (see 2,3-Dinitrotoluene, CAS# 602-01-7); 3,5-Dinitrotoluene (see 2,3-Dinitrotoluene, CAS# 602-01-7); 2,5-Dinitrotoluene (see 2,3-Dinitrotoluene, CAS# 602-01-7); o-Phthalaldehyde, vapor fraction; tert-Butyl chromate, as CrO_3; Nickel (II) oxide, as Ni, inhalable fraction (see Nickel, insoluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0); Dimethylphenol, mixed isomers, inhalable fraction and vapor; Cadmium sulfide, as Cd, respirable fraction (see Cadmium compounds, as Cd, respirable fraction, CAS# 7440-43-9); Cadmium sulfide, as Cd, total particulate (see Cadmium compounds, as Cd, total particulate, CAS# 7440-43-9); Cobaltous oxide, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-4); Cobalt oxide, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-4); Chromite, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1); Chromium oxide, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1); Manganese (IV) dioxide as Mn, inhalable fraction (see Manganese, elemental and inorganic compounds as Mn, inhalable fraction, CAS# 7439-96-5); Nickel sulfide, as Ni, inhalable fraction (see Nickel, insoluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0); Tungsten trioxide, as W, respirable fraction (see Tungsten and compounds, in absence of cobalt, as W, respirable fraction, CAS# 7440-33-7); Manganese (III) oxide, as Mn, respirable fraction (see Manganese elemetal and inorganic compounds, as Mn, respirable fraction, CAS# 7439-96-5); Manganese (III) oxide, as Mn, inhalable fraction (see Manganese elemetal and inorganic compounds, as Mn, inhalable fraction, CAS# 7439-96-5); Nitrotoluene isomers; Carbon black, inhalable fraction; Paraquat dichloride, as the cation, inhalable fraction (see Paraquat as the cation, inhalable fraction, CAS# 4685-14-7); Paraquat dimethyl sulfate as the cation, inhalable fraction (see Paraquat as the cation, inhalable fraction, CAS# 4685-14-7); Clopidol, inhalable fraction and vapor; 4-Methyl-1,2,3,6-tetrahydrophthalic anhydride (see Methyltetrahydrophthalic anhydride isomers, CAS# 0-00-0); Paraquat as the cation, inhalable fraction; 1,2,3,6-Tetrahydro-3-methylphthalic anhydride (see Methyltetrahydrophthalic anhydride isomers, CAS# 0-00-0); Nickel acetate, as Ni, inhalable fraction (see Nickel, soluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0); Ethyl 2-cyanoacrylate; Cadmium and compounds, as Cd, total particulate; Cobalt and inorganic compounds, as Co, inhalable fraction; Cobalt chloride, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-4); Potassium iodide, inhalable fraction and vapor; Sodium iodide, inhalable fraction and vapor; Nickel chloride, as Ni, inhalable fraction (see Nickel, soluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0); Barium sulfate, inhalable fraction; Chromic acid, as Cr(VI), inhalable fraction (see Hexevalent

chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9); Manganese (II) chloride, as Mn, respirable fraction (see Manganese elemental and inorganic compounds, as Mn, respirable fraction, CAS# 7439-96-5); Manganese (II) chloride, as Mn, inhalable fraction (see Manganese elemental and inorganic compounds, as Mn, inhalable fraction, CAS# 7439-96-5); Sodium chromate, as Cr(VI), inhalable fraction (see Hexevalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9); Potassium dichromane, as Cr(VI), inhalable fraction (see Hexevalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9); Beryllium fluoride, as Be, inhalable fraction (see Beryllium and compounds, as Be, inhalable fraction CAS# 7440-41-7); Potassium chromate, as Cr(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction CAS# 18540-29-9); Chromium nitrate nonahydrate, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1); Chromium phosphate, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1); Ammonium dichromate, as Cr(VI), inhalable fraction (see Hexevalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9); Sodium dichromate dehydrate, as Cr(VI), inhalable fraction (see Hexevalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9); Chromium chloride, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1); Cobaltous nitrate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-8); Chromium chloride hexahydrate, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1); Chromium sulfate, as Cr(III), inhalable fraction (see Trivalent chromium as Cr(III), inhalable fraction, CAS# 16065-83-1); Nickel sulfate, as Ni, inhalable fraction (see Nickel, soluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0); Cadmium chloride, as Cd, respirable fraction (see Cadmium and compounds, as Cd, respirable fraction, CAS# 7440-43-9); Cadmium chloride, as Cd, total particulate (see Cadmium and compounds, as Cd, total particulate, CAS# 7440-43-9); Cadmium sulfate, as Cd, respirable fraction (see Cadmium and compounds, as Cd, respirable fraction, CAS# 7440-43-9); Cadmium sulfate, as Cd, total particulate (see Cadmium and compounds, as Cd, total particulate, CAS# 7440-43-9); Cobaltous sulfate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-4); Cobalt nitrate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-84-4); Cobaltous phosphate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-84-4); Barium chloride, as Ba (see Barium and soluble compounds, as Ba, CAS# 7440-39-3); Methyltetrahydrophthalic anhydride (see Methyltetrahydrophthalic anhydride isomers, CAS# 0-00-0); Tungsten oxide, as W, respirable fraction (see Tungsten and compounds, in the absence of cobalt, as W, respirable fraction, CAS# 7440-33-7); Nickel hydroxide, as Ni, inhalable fraction (see Nickel, insoluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0); Tungsten disulfide, as W, respirable fraction (see Tungsten and compounds, in the absence of cobalt, as W, respirable fraction, CAS# 7440-33-7); Sodium chromite, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1); Chromium hydroxide sulfate, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1); Nickel carbonate hydroxide, as Ni, inhalable fraction (see Nickel, insoluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0); Beryllium hydroxide, as Be, inhalable fraction (see Beryllium and compounds, as Be, inhalable fraction CAS# 7440-41-7); Nickel nitrate, as Ni, inhalable fraction (see Nickel soluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0); Chromium picolinate, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1); Manganese (II) sulfate, as Mn, respirable fraction (see Manganese elemental and inorganic compounds, as Mn, respirable fraction, CAS# 7439-96-5); Manganese (II) sulfate, as Mn, inhalable fraction (see Manganese elemental and inorganic compounds, as Mn, inhalable fraction, CAS# 7439-96-5); Trivalent chromium compounds, as Cr(III), inhalable fraction; Nickel ammonium chloride, as Ni, inhalable fraction (see Nickel soluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0); Barium hydroxide, as Ba (see Barium and soluble compounds, as Ba CAS# 7440-39-3); Tin (VI) oxide, as Sn, inhalable fraction (see Tin and inorganic compounds (not SnH_4 or indium tin oxide), as Sn, inhalable fraction, CAS# 7440-31-5); Hexavalent chromium compounds, as Cr(VI), inhalable fraction; 6-Methyl-3,4,5,6-tetrahydro-2-benzofuran-1,3-dione (see Methyltetrahydrophthalic anhydride isomers, CAS# 0-00-0); 5-Methyl-7,7-dihydroisobenzofuran-1,3-(3ah,6h)-dione (see Methyltetrahydrophthalic anhydride isomers, CAS# 0-00-0); Tin (III) oxide, as Sn, inhalable fraction (see Tin, and inorganic compounds (not SnH_4 or indium tin oxide), as Sn, inhalable fraction, CAS# 7440-31-5); Cyanazine, inhalable fraction; Bendiocarb, inhalable fraction and vapor; Chromium acetate, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1); Methyltetrahydrophthalic anhydride (see Methyltetrahydrophthalic anhydride isomers, CAS# 0-00-0); 2,3,5,6-Tetrahydro-2-methylphthalic anhydride (see Methyltetrahydrophthalic anhydride isomers, CAS# 0-00-0); Indium tin oxide, respirable fraction; Manganese (II) phosphate, as Mn, respirable fraction (see Manganese elemental and inorganic compounds, as Mn, respirable fraction, CAS# 7439-96-5); Manganese (II) phosphate, as Mn, inhalable

fraction (see Manganese elemental and inorganic compounds, as Mn, inhalable fraction, CAS# 7439-96-5); Cobalt carbonate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction , CAS# 7440-48-4); Cobalt sulfate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction , CAS# 7440-48-4); Cadusafos, inhalable fraction and vapor; Thiacloprid, inhalable fraction; Carfentrazone-ethyl, inhalable fraction; Fludioxonil, inhalable fraction; Sulfoxaflor, inhalable fraction;

(3) **amending** existing regulated toxic air pollutants as follows: Stearates - adding "respirable fraction", increasing toxicity class to III, and increasing 24-hr AAL, 24-hr de minimis level and annual de minimis level and decreasing annual AAL; Formaldehyde - increasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Benzo[a]pyrene - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Stearic acid - adding "inhalable fraction (see Stearates, inhalable fraction CAS# 0-00-0)"; Chlordane - adding "inhalable fraction and vapor"; N-Nitrosodimethylamine - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Diethyl sulfate - decreasing 24-hr de minimis level and increasing annual de minimis level; Thioglycolic acid - decreasing 24-hr AAL and 24-hr and annual de minimis levels; Dimethylformamide - decreasing 24-hr AAL and 24-hr and annual de minimis levels; Methyl chloride - decreasing annual AAL and annual de minimis level; Hydrogen cyanide, as CN - adding "and cyanide salts"; Ethylamine - increasing 24-hr and annual de minimis levels; Chlorodifluoromethane - increasing toxicity class to II; Dibutyltin dilaurate, as Tin, organic cmpds - changing to "Dibutyltin dilaurate, as Sn (see Tin, organic compounds, as Sn, CAS# 7440-31-5)"; Dicyclopentadiene - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Methyl vinyl ketone - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; 1,1,2,2-Tetrabromoethane (Acetylene tetrabromide), inhalable fraction and vapor - removing "(Acetylene tetrabromide), inhalable fraction and vapor "; p,p'-Oxybis(benzenesulfonyl hydrazine) - adding "inhalable fraction"; Pinene (alpha) - changing to "α-Pinene (see Turpentine and select monoprenes, CAS# 8006-64-2)"; Rotenone - adding "commercial"; Diquat dibromide, inhalable fraction (see Diquat, inhalable fraction) - changing to "Diquat dibromide, as the cation, inhalable fraction (see Diquat, as the cation, inhalable fraction CAS# 2764-72-9)"; Diquat dibromide, respirable fraction - changing to "Diquat dibromide, as the cation, respirable fraction (see Diquat, as the cation, respirable fraction CAS# 2764-72-9)"; Phenanthrene (as coal tar pitch volatile) - adding "(see Coal tar pitch volatiles, as benzene soluble aerosol, CAS# 65996-93-2)"; Hexahydrophthalic anhydride, inhalable fraction and vapor – changing to "Hexahydrophthalic anhydride, all isomers, inhalable fraction and vapor; Phthalic anhydride - adding "inhalable fraction and vapor" and decreasing the 24-hr and annual AAL and the 24-hr and annual de minimis levels; Carbazol (as coal tar pitch volatile) - adding "(see Coal tar pitch volatiles, as benzene soluble aerosol, CAS# 65996-93-2)"; N-Vinyl-2-pyrrolidone - decreasing the 24-hr and annual AAL and the 24-hr and annual de minimis levels; 2-Nitrotoluene - adding "(see Nitrotoluene isomers, CAS# 1321-12-6)"; β-Naphthylamine - replacing the 24-hr and annual AAL and 24-hr and annual de minimis level with "E"; 4-Aminodiphenyl - replacing the 24-hr and annual AAL and 24-hr and annual de minimis level with "E"; Benzidine - increasing 24-hr and annual AAL and 24-hr and annual de minimis levels; o-Cresol, inhalable fraction and vapor - adding "(see Cresol, all isomers, inhalable fraction and vapor CAS# 1319-77-3)"; Toluene-2,4-diamine - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Furfuryl alcohol - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Furfural - decreasing toxicity class to I and decreasing 24-hr and annual AAL and the 24-hr and annual de minimis levels; alpha-Methyl styrene - decreasing toxicity class to I; m-Nitrotoluene - adding "(see Nitrotoluene, all isomers CAS# 1321-12-6)"; 5-Nitro-o-toluidine, inhalable fraction - adding "and vapor"; 1,3-Dinitrobenzene - adding "inhalable fraction and vapor"; p-Nitrotoluene - adding "(see Nitrotoluene isomers CAS# 1321-12-6)"; 1,4-Dinitrobenzene - adding "inhalable fraction and vapor (see Dinitrobenzene, mixed isomers, inhalable fraction and vapor, CAS# 25154-54-5)"; 4,4-Methylene bis (2-chloroaniline) - adding "inhalable fraction and vapor"; p-Cresol, inhalable fraction and vapor - adding "(see Cresol, all isomers, inhalable fraction and vapor CAS# 1319-77-3)"; 1,2-Epoxybutane - increasing toxicity class to II; 1-Butene - adding "(see Butenes, all isomers CAS# 25167-67-3)"; 2-Butene - adding "(see Butenes, all isomers CAS# 25167-67-3)"; Ethylene glycol, aerosol - removing "aerosol", adding "vapor fraction", and decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; 2,4-Dimethyl pentane (see Heptane, all isomers, CAS# 142-82-5) - removing toxicity class II; m-Cresol, inhalable fraction and vapor - adding "(see Cresol, all isomers, inhalable fraction and vapor, CAS# 1319-77-3)"; Glutaraldehyde - adding "activated or unactivated"; 2,4,6-Trinitrotoluene - adding "inhalable fraction and vapor";Anthracene (as coal tar pitch volatiles) – adding "(see Coal tar pitch volatiles as benzene soluble aerosol, CAS# 65996-93-2)"; 2,4-Dinitrotoluene - adding "(see Dinitrotoluene, mixed isomers, CAS# 25321-14-6)"; β-Chloropene - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; N,N-Dimethyl acetamide - decreasing 24-hr and annual AAL and annual de minimis level; β-Pinene - adding "(see Terpintine and select monoterpenes CAS# 8006-64-2)"; Pyrene (as coal tar pitch volatile) - adding "(see Coal tar pitch volatiles, as benzene soluble aerosol, CAS# 65996-93-2)"; Methyl-2-

cyanoacrylate - decreasing toxicity class to I, decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Heptane - adding "all isomers"; Sodium cyanide, as CN" - adding "(see Hydrogen cyanide and cyanide salts, as CN, CAS# 74-90-8)"; Potassium cyanide, as CN - adding "(see Hydrogen cyanide and cyanide salts, as CN, CAS# 74-90-8)"; Acridine - adding "as coal tar pitch volatiles (see Coal tar pitch volatiles, as benzene soluble aerosol, CAS# 65996-93-2)"; Cyanogen bromide - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; 1,2-Dinitrobenzene - adding "inhalable fraction and vapor (see Dinitrobenzene, mixed isomers, inhalable fraction and vapor, CAS# 25154-54-5)"; 4,6-Dinitro-o-cresol - adding "inhalable fraction and vapor"; Isobutyl nitrite, inhalable fraction and vapor - removing "inhalable fraction and vapor"; Cyclopentadiene - adding "(see Dicyclopentadiene, CAS# 77-73-6)"; Trimetalic anhydride, inhalable fraction and vapor - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Zinc stearate - adding "inhalable fraction (see Stearates, inhalable fraction CAS# 0-00-0)"; cis-2-Butene - adding "(see Butenes, all isomers CAS# 25167-67-3)"; Calcium cyanide, as CN - adding "(see Hydrogen cyanide and cyanide salts, as CN, CAS# 74-90-8)"; Vinyl bromide - increasing annual AAL and decreasing 24-hr de minimis level; trans-2-Butene - adding "(see Butenes, all isomers, CAS# 25167-67-3)"; tri-N-Butylstannane hydride, as Sn - adding "(see Tin, organic compounds, as Sn, CAS# 7440-31-5)"; Gallium arsenide, respirable fraction - increasing 24-hr AAL and 24-hr and annual de minimis levels and decreasing annual AAL; Borate compounds (Borax, inhalable fraction) - removing "Borate compounds" and adding "(see Borate compounds, inorganic, inhalable fraction, CAS# 0-00-0)"; Barium oxide (as Barium) - removing "as Barium" adding "as Ba, (see Barium and soluble compounds, as Ba, CAS# 7440-39-3)"; Beryllium oxide (as beryllium) - removing "as beryllium" and adding "as Be, inhalable fraction (see Beryllium and compounds, as Be, inhalable fraction, CAS# 7440-41-7)"; Cadmium oxide, as cadmium, respirable - removing "as cadmium" adding "as Cd, respirable fraction (see Cadmium and compounds, as Cd, respirable fraction, CAS# 7440-43-9)"; Manganese dioxide (as manganese) - removing "as manganese" adding "as Mn, respirable fraction"; Nickel monoxide (as nickel, soluble compounds) inhalable fraction - correcting CAS# to "1313-99-1" and changing to "Nickel (II) oxide, as Ni, inhalable fraction, (see Nickel, insoluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0)"; Nickel peroxide (as nickel, soluble compounds) inhalable fraction - removing "as nickel, soluble compounds" adding "as Ni" and "(see Nickel soluble inorganic compounds, as Ni, inhalable fraction CAS# 7440-02-0)"; Zinc oxide, respirable fraction - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Lead monoxide, as lead – removing "as lead", adding "as Pb (see Lead, and inorganic compounds, as Pb, CAS# 7439-92-1)"; Copper (I) oxide (as copper dust/mists)"- removing "as copper dust/mist" adding "as Cu (see Copper, dusts and mists, as Cu, CAS# 7440-50-8)"; Pentachloronaphthalene - adding "inhalable fraction and vapor"; Borate compounds (Sodium tetraborate), inhalable fraction - removing "Borate compounds" adding "(see Borate compounds, inorganic, inhalable fraction, CAS# 0-00-0)"; Chromium (VI) oxide (1:3) (as CrVI, insol.) - removing "(VI) oxide (1:3)(as CrVI, insol)", adding "trioxide, as Cr(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9)"; Subtilisins as crystalline active enzyme - decreasing 24-hr and annual de minimis level; Nitrapyrin - adding "inhalable fraction and vapor"; EPN, inhalable factor - adding "and vapor"; Allyl propyl disulfide - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Captafol - adding "inhalable fraction and vapor"; o-Chlorobenzylidene malononitrile - adding "inahalable fraction and vapor"; Diquat, inhalable fraction - adding "as the cation"; Diquat, respirable fraction - adding "as the cation"; Tetramethyl succinonitrile - adding "inhalable fraction and vapor"; Temephos, inhalable fraction and vapor - removing "and vapor"; Diquat dibromide monohydrate, inhalable fraction (see Diquat as the cation, inhalable fraction, CAS# 2764-72-9) - adding "as the cation"; Diquat dibromide monohydrate, respirable fraction (see Diquat as the cation, respirable fraction, CAS# 2764-72-9) - adding "as the cation"; Manganese, elemental, as Mn, respirable fraction - adding "and inorganic compounds"; Manganese, inorganic compounds, as Mn, respirable fraction - adding "elemental and", removing "respirable", adding "inhalable"; Molybdenum, as Mo; (metal and insoluble), inhalable - removing "metal and insoluble" adding "metal and insoluble compounds" and "fraction"; Molybdenum, as Mo; (metal and insoluble), respirable - removing "metal and insoluble" adding "metal and insoluble compounds" and "fraction"; Molybdenum, as Mo; (soluble compounds), respirable - adding "fraction"; Nickel, elemental as Ni, inhalable fraction - increasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Nickel, insoluble, inorganic compounds, as Ni, inhalable fraction - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Platinum metal - increasing the toxicity class to II; Tin, metal - adding "inhalable fraction"; Tin, oxide/inorganic compounds (not SnH_4) as Sn - changing to "Tin, and inorganic compounds (not SnH_4 and indium tin oxide), as Sn, inhalable fraction"; Tungsten metal and insoluble compounds - changing to "Tungsten and compounds in the absence of cobalt, as W, respirable fraction", and decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Beryllium and compounds, as Be, inhalable fraction - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Iodine and Iodides, inhalable fraction and vapor - removing "and Iodides", increasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Sulfuric acid

- adding "thoracic particulate matter"; Sodium fluoride, (as fluoride) - removing "(as fluoride)" and adding "as F (see Fluorides, as F, CAS# 0-00-0)"; Thionyl chloride - decreasing toxicity class to I, and decreasing 24-hr AAL and 24-hr and annual de minimis levels; Lead chromate, as Cr - adding "(VI), inhalable fraction (see Hexavalent Chromium, as Cr(VI), inhalable fraction, CAS# 18540-29-9)"; Fluorine - adding "as F", and decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Chlorine - decreasing toxicity class to I, decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Nickel sulfate, (as Nickel, soluble compounds), inhalable fraction - removing "as Nickel, soluble compounds" and adding "as Ni" and "(see Nickel soluble and inorganic compounds, as Ni, CAS# 7440-02-0)"; Strontium chromate, as Cr - adding "(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction CAS# 18540-29-9)"; Phosphine - decreasing 24-hr AAL and 24-hr and annual de minimis levels; Turpentine - adding "and select monoprenes"; Kerosene - adding "as total hydrocarbon vapor"; Natural rubber latex, as inhalable allergenic proteins - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Subtilisins as crystalline active enzyme - decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Borate compounds (Boric acid, inhalable fraction) - removing "Borate compounds" and adding "(see Borate compounds, inorganic, inhalable fraction CAS# 0-00-0)"; Chlorine dioxide - decreasing toxicity class to I and decreasing 24-hr AAL and de minimis level and increase annual de minimis level; Sodium dichromate, as Cr - adding "(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9)"; Molybdate orange, (as molybdenum) soluble, respirable fraction" - removing "as molybdenum, soluble" and adding "as Mo" and "(see Molybdenum, as Mo, soluble compounds, respirable fraction, CAS# 7439-98-7)"; Hexahydrophthalic anhydride, cis isomers, inhalable fraction and vapor – adding "(see Hexahydrophthalic anhydride, all isomers, inhalable fraction and vapor, CAS# 85-42-7)"; 3-Carene - adding "(see Turpentine and select monoprenes CAS# 8006-64-2)"; Zinc chromate, as Cr - adding "(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction CAS# 18540-29-9)"; Calcium chromate, as Cr - adding "(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9)"; Nickel (II) sulfamate, as Nickel, soluble" – changing to"Nickel sulfamate as Ni, inhalable fraction (see Nickel, soluble and inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0)"; Hexahydrophthalic anhydride, trans isomer, inhalable fraction and vapor – adding "(see Hexahydrophthalic anhydride, all isomers, inhalable fraction and vapor, CAS# 85-42-7)"; Talc (containing asbestos fibers) - adding "respirable fraction"; Chromyl chloride - adding "as Cr(VI), inhalable fraction and vapor", decreasing toxicity class to I, and decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Cobalt hydrocarbonyl, as Co - increasing 24-hr AAL, 24-hr de minimis and annual de minimis levels; Dinitrobenzene, mixed isomers - adding "inhalable fraction and vapor"; Dinitrotoluene - adding "mixed isomers"; Polyethylene glycol - adding "(average molecular weight 200-600)", decreasing toxicity class to I, decreasing 24-hr and annual AAL and 24-hr and annual de minimis levels; Kerosene - adding "as total hydrocarbon vapor"; Sulfometuron methyl - adding "inhalable fraction and vapor";

so that Env-A 1450.01 reads as follows:

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
0 - 00 - 0	***Borate compounds, inorganic, inhalable fraction***	***I***	***7.1***	***4.8***	***0.084***	***31***
0 - 00 - 0	***Methyltetrahydrophthalic anhydride isomers***	***II***	***0.0025***	***0.0017***	***0.000030***	***0.011***
0-00-0	Stearates***, respirable fraction***	~~II~~ ***III***	~~50~~ ***62***	~~34~~ ***30***	~~0.59~~ ***0.74***	~~217~~ ***271***
0 - 00 - 0	***Sterates, inhalable fraction***	***III***	***208***	***99***	***2.5***	***903***
50 - 00 - 0	Formaldehyde	I	~~1.3~~ ***9.8***	~~0.88~~ ***1.8***	~~0.015~~ ***0.12***	~~5.6~~ ***29***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
50 – 32 - 8	Benzo[a]pyrene	I	~~0.0050~~ ***0.0020***	~~0.0050~~ ***0.0020***	~~0.000059~~ ***0.000024***	~~0.022~~ ***0.0087***
57 – 11 - 4	Steric acid***, inhalable fraction (see Sterates, inhalable fraction, CAS# 0-00-0)***	~~III~~	~~208~~	~~99~~	~~2.5~~	~~903~~
57 - 11 - 4	***Stearic acid, respirable fraction (see Stearates, respirable fraction, CAS# 0-00-0)***					
57 - 74 - 9	Chlordane, ***inhalable fraction and vapor***	I	1.8	0.70	0.021	7.8
60 - 35 - 5	***Acetamide, inhalable fraction and vapor***	***II***	***17***	***8.1***	***0.20***	***74***
62 - 75 - 9	N-Nitrosodimethylamine	I	~~0.0010~~ ***0.00070***	~~0.0010~~ ***0.00070***	~~0.000012~~ ***0.0000083***	~~0.0043~~ ***0.0030***
64 - 67 - 5	Diethyl sulfate	II	1.0	0.67	~~0.12~~ ***0.012***	~~4.3~~ ***4.4***
68 - 11 - 1	Thioglycolic acid	I	~~19~~ ***14***	9.0	~~0.23~~ ***0.16***	~~82~~ ***58***
68 - 12 - 2	Dimethylformamide	I	~~107~~ ***53***	30	~~1.3~~ ***0.63***	~~464~~ ***232***
71 - 48 - 7	***Cobalt acetate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-4)***					
74 - 87 - 3	Methyl chloride	I	368	~~245~~ ***90***	4.4	~~1596~~ ***1465***
74 - 90 - 8	Hydrogen cyanide, ***and cyanide salts,*** as CN	I	18	0.80	0.23	13
~~74 - 99 - 7~~	~~Methyl acetylene~~	~~II~~	~~8249~~	~~5500~~	~~98~~	~~35771~~
75 - 04 - 7	Ethylamine	II	46	31	~~0.547~~ ***0.55***	~~199~~ ***201***
75 - 45 - 6	Chlorodifluoromethane	~~I~~ ***II***	50000	50000	594	216823
75 - 91 - 2	***tert-Butyl hydroperoxide***	***II***	***2.6***	***1.2***	***0.031***	***11***
77 - 58 - 7	Dibutyltin dilaurate, ***as Sn*** (~~as~~ ***see*** Tin, organic ~~***cmpds***~~***compounds, as Sn, CAS# 7440-31-5***)	~~I~~	~~0.36~~	~~0.24~~	~~0.0043~~	~~1.6~~
77 - 73 - 6	Dicyclopentadiene	~~I~~	~~96~~ ***9.7***	~~64~~ ***6.4***	~~1.1~~ ***0.12***	~~416~~ ***42***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
78 - 94 - 4	Methyl vinyl ketone	I	~~2.3~~ ***0.11***	~~1.4~~ ***0.068***	~~0.027~~ ***0.0014***	~~10~~ ***0.50***
79 - 27 - 6	1,1,2,2-Tetrabromomethane ~~(Acetylene tetrabromide), inhalable fraction and vapor~~	I	5.0	3.4	0.059	22
80 - 51 - 3	p,p'-oxybis(benzenesulfonyl hydrazide), ***inhalable fraction***	III	4.2	0.99	0.050	16
80 - 56 - 8	***α***-Pinene ~~(alpha)~~***(see Turpentine and select monoterpenes, CAS# 8006-64-2)***	~~II~~	~~558~~	~~372~~	~~6.6~~	~~2420~~
83 - 79 - 4	Rotenone, ***commercial***	I	18	12	0.21	78
85 - 00 - 7	Diquat dibromide, ***as the cation,*** inhalable fraction (see Diquat, ***as the cation*** inhalable fraction***, CAS# 2764-72-9***)	~~I~~	~~0.36~~	~~0.24~~	~~0.0042~~	~~1.5~~
85 - 00 - 7	Diquat dibromide, ***as the cation,*** respirable fraction ***(see Diquat, as the cation, respirable fraction, CAS# 2764-72-9***)	~~I~~	~~1.8~~	~~1.2~~	~~0.021~~	~~7.8~~
85 - 01 - 8	Phenanthrene, ~~(~~as coal tar pitch volatiles~~)~~ ***(see Coal tar pitch volatiles, as benzene soluble aerosol, CAS# 65996-93-2)***	~~I~~	~~0.71~~	~~0.48~~	~~0.0084~~	~~3.1~~
85 – 42 - 7	Hexahydrophthalic anhydride, ***all isomers,*** inhalable fraction and vapor	II	0.0025	0.0017	0.000030	0.011
85 - 44 - 9	Phthalic anhydride ***inhalable fraction and vapor***	I	~~22~~ ***0.0071***	~~15~~ ***0.0048***	~~0.26~~ ***0.000085***	~~95~~ ***0.031***
86 - 74 - 8	Carbazole, ~~(~~as coal tar pitch volatiles~~)~~ ***(see Coal tar pitch volatiles, as benzene soluble aerosol, CAS# 65996-93-2)***	~~I~~	~~0.71~~	~~0.48~~	~~0.0084~~	~~3.1~~
88 - 12 - 0	N-Vinyl-2-pyrrolidone	II	~~3.4~~ ***1.6***	~~2.3~~ ***0.76***	~~0.040~~ ***0.019***	~~15~~ ***6.9***
88 - 72 - 2	2-Nitrotoluene ***(see Nitrotoluene isomers, CAS# 1321-12-6)***	~~I~~	~~39~~	~~26~~	~~0.46~~	~~169~~
91 - 59 - 8	β-Naphthylamine	I	~~0.018~~	~~0.012~~	~~0.00021~~	~~0.078~~ ***E***
92 - 67 - 1	4-Aminodiphenyl	I	~~0.025~~	~~0.016~~	~~0.00030~~	~~0.11~~ ***E***
92 - 87 - 5	Benzidine	I	~~0.0010~~ ***0.029***	~~0.0010~~ ***0.019***	~~0.000012~~ ***0.00034***	~~0.0043~~ ***0.12***
95 - 48 - 7	o-Cresol, inhalable fraction and vapor ***(see Cresol, all isomers, inhalable fraction and vapor, CAS# 1319-77-3)***	~~I~~	~~71~~	~~48~~	~~0.84~~	~~308~~

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
95 - 65 - 8	***3,4-Dimethylphenol, inhalable fraction and vapor (see Dimethylphenol, mixed isomers, inhalable fraction and vapor, CAS# 1300-71-6)***					
95 - 87 - 4	***2,5-Dimethylphenol, inhalable fraction and vapor (see Dimethylphenol, mixed isomers, inhalable fraction and vapor, CAS# 1300-71-6)***					
96 - 05 - 9	***Allyl methacrylate***	***I***	***26***	***12***	***0.31***	***112***
98 - 00 – 0	Furfuryl alcohol	II	~~282~~ ***5.7***	~~134~~ ***2.7***	~~3.4~~ ***0.067***	~~1223~~ ***25***
98 – 01 – 1	Furfural	~~II~~ ***I***	~~40~~ ***2.8***	~~26~~ ***1.9***	~~0.48~~ ***0.033***	~~173~~ ***12***
98 – 83 – 9	alpha-Methyl styrene	~~II~~ ***I***	173	115	2.1	750
99 – 08 – 1	m-Nitrotoluene ***(see Nitrotoluene isomers, CAS# 1321-12-6)***	~~I~~	~~39~~	~~26~~	~~0.46~~	~~169~~
99 - 55 - 8	5-Nitro-o-toluidine, inhalable fraction ***and vapor***	II	5.0	3.4	0.060	22
99 - 65 - 0	1,3-Dinitrobenzene ***inhalable fraction and vapor***	I	3.6	2.4	0.043	16
99 - 99 - 0	p-Nitrotoluene ***(see Nitrotoluene isomers, CAS# 1321-12-6)***	~~I~~	~~39~~	~~26~~	~~0.46~~	~~169~~
100 - 25 - 4	1,4-Dinitrobenzene***, inhalable fraction and vapor (see Dinitrobenzene, mixed isomers, inhalable fraction and vapor, CAS# 25154-54-5)***	~~II~~	~~5.0~~	~~3.4~~	~~0.059~~	~~22~~
101 - 14 - 4	4,4-Methylene bis(2-chloroaniline), ***inhalable fraction and vapor***	I	0.39	0.26	0.0046	1.7
105 - 67 - 9	***2,4-Dimethylphenol, inhalable fraction and vapor (see Dimethylphenol, mixed isomers, inhalable fraction and vapor, CAS# 1300-71-6)***					
106 - 44 - 5	p-Cresol, inhalable fraction and vapor ***(see Cresol, all isomers, inhalable fraction and vapor, CAS# 1319-77-3)***	~~I~~	~~71~~	~~48~~	~~0.84~~	~~308~~
106 - 88 - 7	1,2-Epoxybutane	~~I~~ ***II***	20	20	0.24	87
106 - 98 - 9	1-Butene ***(see Butenes, all isomers, CAS# 25167-67-3)***	~~II~~	~~2886~~	~~1924~~	~~34~~	~~12515~~
107 - 01 - 7	2-Butene ***(see Butenes all isomers, CAS# 25167-67-3)***	~~II~~	~~2886~~	~~1924~~	~~34~~	~~12515~~
107 - 21 - 1	Ethylene glycol, ~~aerosol~~ ***vapor fraction***	II	~~503~~ ***319***	~~335~~ ***213***	~~6.0~~ ***3.8***	~~2181~~ ***1384***
107 – 41 – 5	***Hexylene glycol, vapor fraction***	***II***	***851***	***405***	***10***	***3690***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
~~108 - 01 - 0~~	~~N-Dimethylaminoethanol~~	~~II~~	~~91~~	~~60~~	~~1.1~~	~~395~~
108 – 21 – 4	***Isopropyl acetate (see n-Propyl acetate, CAS# 109-60-4)***					
108 –39 – 4	m-Cresol, inhalable fraction and vapor ***(see Cresol, all isomers, inhalable fraction and vapor, CAS# 1319-77-3)***	~~I~~	~~71~~	~~48~~	~~0.84~~	~~308~~
108 - 68 - 9	***3,5-Dimethylphenol, inhalable fraction and vapor (see Dimethylphenol, mixed isomers, inhalable fraction and vapor, CAS# 1300-71-6)***					
109 - 60 - 4	***n-Propyl acetate***	***III***	***8702***	***4144***	***103***	***37737***
109 - 63 - 7	***Boron trifluoride diethyl ether, as BF_3***	***III***	***12***	***5.8***	***0.14***	***52***
111 - 30 - 8	Glutaraldehyde, ***activated or unactivated***	I	0.71	0.48	0.0084	3.1
116 - 06 - 3	***Aldicarb, inhalable fraction and vapor***	***I***	***0.018***	***0.012***	***0.00021***	***0.077***
118 - 96 - 7	2,4,6-Trinitrotoluene***, inhalable fraction and vapor***	II	0.50	0.34	0.0059	2.2
120 – 12 - 7	Anthracene as coal tar pitch volatiles ***(see Coal tar pitch volatiles as benzene coluble aerosol, CAS # 65996-93-2)***	~~I~~	~~0.71~~	~~0.48~~	~~0.0085~~	~~3.1~~
121 - 14 - 2	2,4-Dinitrotoluene, ***(see Dinitrotoluene, mixed isomers, CAS# 25321-14-6)***	~~I~~	~~0.051~~	~~0.051~~	~~0.00061~~	~~0.22~~
123 - 39 - 7	***Monomethylformamide***	***I***	***8.6***	***5.8***	***0.10***	***37***
126 - 99 - 8	β-Chloroprene	I	~~129~~ ***13***	~~20~~ ***8.6***	~~1.5~~ ***0.15***	~~326~~ ***56***
127 - 19 - 5	N,N-Dimethylacetamide	I	~~129~~ ***127***	~~86~~ ***85***	1.5	~~559~~ ***552***
127 - 91 - 3	β-Pinene ***(see Turpentine and select monoterpenes, CAS# 8006-64-2)***	~~II~~	~~558~~	~~372~~	~~6.6~~	~~2420~~
129 - 00 - 0	Pyrene, ~~(~~as coal tar pitch volatiles~~)~~ ***(see Coal tar pitch volatiles as benzene soluble aerosol, CAS# 65996-93-2)***	~~I~~	~~0.71~~	~~0.48~~	~~0.0084~~	~~3.1~~
133 - 07 - 3	***Folpet, inhalable fraction***	***I***	***5.0***	***2.4***	***0.059***	***22***
137 - 05 - 3	Methyl-2-cyanoacrylate	~~II~~ ***I***	~~4.6~~ ***3.3***	~~3.1~~ ***2.2***	~~0.055~~ ***0.039***	~~20~~ ***14***
142 - 82 - 5	Heptane, ***all isomers***	II	8249	5500	98	35771
143 - 33 - 9	Sodium cyanide, as CN ***(see Hydrogen cyanide and cyanide salts, as CN, CAS# 74-90-8)***	~~I~~	~~18~~	~~0.80~~	~~0.21~~	~~13~~

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
151 - 50 - 8	Potassium cyanide, as CN ***(see Hydrogen cyanide and cyanide salts, as CN, CAS# 74-90-8)***	~~I~~	~~18~~	~~0.80~~	~~0.21~~	~~13~~
260 - 94 - 6	Acridine, ***as coal tar pitch volatiles (see Coal tar pitch volatiles, as benzene soluble aerosol, CAS# 65996-93-2)***	~~I~~	~~0.71~~	~~0.48~~	~~0.0085~~	~~3.1~~
353 – 42 – 4	***Boron trifluoride dimethyl ether, as BF_3***	***III***	***9.7***	***4.6***	***0.12***	***42***
506 – 68 –3	Cyanogen bromide	I	~~6.5~~ ***4.6***	~~4.4~~ ***3.1***	~~0.078~~ ***0.055***	~~28~~ ***20***
513 - 79 - 1	***Cobaltous carbonate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-4)***					
526 - 75 - 0	***2,3-Dimethylphenol, inhalable fraction and vapor (see Dimethylphenol, mixed isomers, inhalable fraction and vapor, CAS# 1300-71-6)***					
528 – 29 – 0	1,2-Dinitrobenzene, ***inhalable fraction and vapor (see Dinitrobenzene, mixed isomers, inhalable fraction and vapor, CAS# 25154-54-5)***	~~II~~	~~5.0~~	~~3.4~~	~~0.059~~	~~22~~
534 - 52 - 1	4,6-Dinitro-o-cresol, ***inhalable fraction and vapor***	I	0.71	0.48	0.0084	3.1
542 - 56 - 3	Isobutly nitrite ~~inhalable fraction and vapor~~	II	24	14	0.29	104
542 - 92 - 7	Cyclopentadiene ***(see Dicyclopentadiene, CAS# 77-73-6)***	~~II~~	~~1021~~	~~681~~	~~12~~	~~4428~~
543 – 80 – 6	***Barium acetate, as Ba (see Barium and soluble compounds, as Ba, CAS# 7740-39-3)***					
552 – 30 – 7	Trimetallic anhydride, inhalable fraction and vapor	II	~~0.0030~~ ***0.0025***	~~0.0020~~ ***0.0017***	~~0.000036~~ ***0.000030***	~~0.013~~ ***0.011***
557 – 05 – 1	Zinc stearate, ***inhalable fraction (see Stearates, inhalable fraction, CAS# 0-00-0)***	~~III~~	~~149~~	~~99~~	~~1.8~~	~~646~~
557 – 05 – 1	***Zinc stearate, respirable fraction (see Stearates, respirable fraction, CAS# 0-00-0)***					
576 - 26 - 1	***2,6- Dimethylphenol, inhalable fraction and vapor (see Dimethylphenol, mixed isomers, inhalable fraction and vapor, CAS# 1300-71-6)***					
590 - 18 - 1	cis-2-Butene ***(see Butenes, all isomers, CAS# 25167-67-3)***	~~II~~	~~2886~~	~~1924~~	~~34~~	~~12515~~
592 - 01 - 8	Calcium cyanide, as CN ***(see Hydrogen cyanide and cyanide salts, as CN, CAS# 74-90-8)***	~~I~~	~~18~~	~~0.80~~	~~0.21~~	~~13~~

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
593 - 60 - 2	Vinyl bromide	I	7.9	~~3.0~~ ***5.2***	~~0.094~~ ***0.093***	34
602 - 01 - 7	***2,3-Dinitrotoluene***	***II***	***1.4***	***0.67***	***0.017***	***6.1***
606 - 20 - 2	***2,6-Dinitrotoluene (see 2,3-Dinitrotoluene, CAS# 602-01-7)***					
610 - 39 - 9	***3,4-Dinitrotoluene (see 2,3-Dinitrotoluene, CAS# 602-01-7)***					
618 - 85 - 9	***3,5-Dinitrotoluene (see 2,3-Dinitrotoluene, CAS# 602-01-7)***					
619 - 15 - 8	***2,5-Dinitrotoluene (see 2,3-Dinitrotoluene, CAS# 602-01-7)***					
624 - 64 - 6	trans-2-Butene ***(see Butenes, all isomers, CAS# 25167-67-3)***	~~II~~	~~2886~~	~~1924~~	~~34~~	~~12515~~
643 - 79 - 8	***o-Phthalaldehyde, vapor fraction***	***II***	***0.0028***	***0.0018***	***0.000033***	***0.012***
688 - 73 - 3	tri-N-Butylstannane hydride, as Sn ***(see Tin, organic compounds, as Sn, CAS# 7440-31-5)***	~~I~~	~~0.36~~	~~0.24~~	~~0.0043~~	~~1.6~~
1189 - 85 - 1	***tert-Butyl chromate, as CrO_3***	***II***	***0.50***	***0.34***	***0.0060***	***2.2***
1213 - 99 - 1	***Nickel (II) oxide, as Ni, inhalable fraction (see Nickel, insoluble inorganic compounds as Ni, inhalable fraction, CAS# 7440-02-0)***					
1300 - 71 - 6	***Dimethylphenol, mixed isomers, inhalable fraction and vapor***	***II***	***25***	***17***	***0.30***	***109***
1303 - 00 - 0	Gallium arsenide, respirable fraction	I	~~0.0010~~ ***0.0011***	~~0.0010~~ ***0.00071***	~~0.000012~~ ***0.000013***	~~0.0043~~ ***0.0046***
1303 - 96 - 4	~~Borate compounds(~~Borax, inhalable fraction ***(see Borate compounds, inorganic, inhalable fraction, CAS# 0-00-0)***	~~I~~	~~7.1~~	~~4.8~~	~~0.084~~	~~31~~
1304 - 28 - 5	Barium oxide ~~(~~as ~~Barium)~~ ***Ba, (See Barium and soluble compounds as Ba, CAS# 7740-39-3)***	~~II~~	~~2.5~~	~~1.7~~	~~0.030~~	~~11~~
1304 - 56 - 9	Beryllium oxide ~~(~~as ~~beryllium)~~ ***Be, inhalable fraction (see Beryllium and compounds, as Be, inhalable fraction, CAS# 7740-41-7)***	~~I~~	~~0.0071~~	~~0.0048~~	~~0.000084~~	~~0.031~~
1306 - 19 - 0	Cadmium oxide, as ~~cadmium~~ ***Cd***, respirable ***fraction (see Cadmium and compounds, as Cd, respirable fraction, CAS# 7440-43-9)***	~~I~~	~~0.0070~~	~~0.0050~~	~~0.000083~~	~~0.030~~
1306 - 23 - 6	***Cadmium sulfide, as Cd, respirable fraction (see Cadmium and compounds, as Cd, respirable fraction, CAS# 7440-43-9)***					
1306 - 23 - 6	***Cadmium sulfide, as Cd, total particulate (see Cadmium and compounds, as Cd, total particulate, CAS# 7440-43-9)***					

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
1307 - 96 - 6	***Cobaltous oxide, as Co, inhalable fraction (see Cobalt and inorganic compunds, as Co, inhalable fraction, CAS# 7440-48-4)***					
1308 - 06 - 1	***Cobalt oxide, as Co, inhalable fraction (see Cobalt and inorganic compunds, as Co, inhalable fraction, CAS# 7440-48-4)***					
1308 - 31 - 2	***Chromite, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1)***					
1308 - 38 - 9	***Chromium oxide, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1)***					
1313 - 13 - 9	Manganese dioxide ~~(as manganese)~~ ***as Mn, respirable fraction***	II	1.0	0.67	0.012	4.3
1313 - 13 - 9	***Manganese (VI) dioxide, as Mn, inhalable fraction (see Manganese, elemental and inorganic compounds as Mn, inhalable fraction, CAS# 7439-96-5)***					
~~1313 – 99 – 0~~ ***1313 - 99 - 1***	Nickel ***(II) oxide,*** ~~monoxide, (as nickel, soluble compounds) inhalable fraction~~ ***as Ni, inhalable fraction (see Nickel, soluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0)***	~~I~~	~~0.36~~	~~0.24~~	~~0.0043~~	~~1.6~~
1314 - 04 - 1	***Nickel sulfide, as Ni, inhalable fraction (see Nickel insoluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0)***					
1314 - 06 - 3	Nickel peroxide ~~(as nickel, soluble compounds)~~ ~~inhalable fraction~~ ***as Ni,*** inhalable fraction ***(see Nickel, soluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0)***	~~I~~	~~0.36~~	~~0.24~~	~~0.0043~~	~~1.6~~
1314 - 13 - 2	Zinc oxide, respirable fraction	II	~~50~~ ***10***	~~34~~ ***6.7***	~~0.59~~ ***0.12***	~~217~~ ***44***
1314 - 35 - 8	***Tungsten trioxide, as W, respirable fraction (see Tungsten and compounds, in absence of cobalt, as W, respirable fraction, CAS# 7440-33-7)***					
1317 - 34 - 6	***Manganese (III) oxide, as Mn, respirable fraction (see Manganese elemental and inorganic compunds, as Mn, respirable fraction, CAS# 7439-96-5)***					
1317 - 34 - 6	***Manganese (III) oxide, as Mn, inhalable fraction (see Manganese elemental and inorganic compunds, as Mn, inhalable fraction, CAS# 7439-96-5)***					
1317 - 36 - 8	Lead monoxide, as Pb ***(see Lead and inorganic compounds, as Pb, CAS# 7439-92-1)***	~~I~~	~~0.18~~	~~0.12~~	~~0.0021~~	~~0.78~~

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
1317 - 39 - 1	Copper (I) oxide ~~(as copper dust/mist)~~ ***as Cu (see Copper, dusts and mists, as Cu, CAS# 7440-50-8)***	~~I~~	~~3.6~~	~~2.4~~	~~0.043~~	~~16~~
1321 - 12 - 6	***Nitrotoluene isomers***	***I***	***39***	***26***	***0.46***	***169***
1321 - 64 - 8	Pentachloronaphthalene, ***inhalable fraction and vapor***	II	2.5	1.7	0.030	11
1330 - 43 - 4	~~Borate compounds (~~Sodium tetraborate~~)~~, inhalable fraction ***(see Borate compounds, inorganic, inhalable fraction, CAS# 0-00-0)***	~~I~~	~~7.1~~	~~4.8~~	~~0.084~~	~~31~~
1333 - 82 - 0	Chromium ~~(VI) oxide (1:3) (as CrVI, insol.)~~ ***trioxide, as Cr(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9)***	~~I~~	~~0.036~~	~~0.024~~	~~0.00043~~	~~0.16~~
1333 - 86 - 4	***Carbon black, inhalable fraction***	***II***	***15***	***10***	***0.18***	***65***
~~1344 - 95 - 2~~ ***13983 - 17 - 0***	Calcium silicate, naturally occurring as Wollastonite, inhalable fraction containing no asbestos and <1% crystalline silica	II	5.0	3.4	0.060	22
1395 - 21 - 7	Subtilisins as crystalline active enzyme	II	0.00030	0.00020	~~0.000012~~ ***0.0000036***	~~0.0043~~ ***0.0013***
~~1910 - 42 - 5~~	~~Paraquat dichloride, respirable fraction~~	~~I~~	~~0.36~~	~~0.24~~	~~0.0043~~	~~1.6~~
~~1910 - 42 - 5~~	~~Paraquat dichloride, total dust~~	~~I~~	~~1.8~~	~~1.2~~	~~0.021~~	~~7.8~~
1910 - 42 - 5	***Paraquat dichloride, as the cation, inhalable fraction (see Paraquat as the cation, inhalable fraction, CAS# 4685-14-7)***					
1929 - 82 - 4	Nitrapyrin, ***inhalable fraction and vapor***	I	50	24	0.59	217
~~2074 - 50 - 2~~	~~Paraquat dimethyl sulfate, resp fraction~~	~~I~~	~~0.36~~	~~0.24~~	~~0.0043~~	~~1.6~~
~~2074 - 50 - 2~~	~~Paraquat Dimethyl sulfate, total dust~~	~~I~~	~~1.8~~	~~1.2~~	~~0.021~~	~~7.8~~
2074 - 50 - 2	***Paraquat dimethyl sulfate as the cation, inhalable fraction (see Paraqual, as the cation, inhalable fraction, CAS# 4685-14-7)***					
2104 - 64 - 5	EPN, inhalable fraction ***and vapor***	I	0.36	0.24	0.0043	1.6
2179 - 59 - 1	Allyl propyl disulfide	II	~~45~~ ***15***	~~30~~ ***10***	~~0.53~~ ***0.18***	~~195~~ ***66***
2425 - 06 - 1	Captafol ***inhalable fraction and vapor***	I	0.36	0.24	0.0043	1.6
2698 - 41 - 1	o-Chlorobenzylidene malononitrile, ***inhalable fraction and vapor***	I	1.6	0.93	0.019	6.9
2764 - 72 - 9	Diquat, ***as the cation,*** inhalable fraction	I	1.8	1.2	0.021	7.7

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
2764 - 72 - 9	Diquat, ***as the cation,*** respirable fraction	I	0.36	0.24	0.0042	1.5
2871 - 90 - 6	***Clopidol, inhalable fraction and vapor***	***II***	***21***	***10***	***0.25***	***92***
3333 - 52 - 6	Tetramethyl succinonitrile***, inhalable fraction and vapor***	I	10	6.7	0.12	43
3383 - 96 - 8	Temephol, inhalable fraction ~~and vapor~~	II	5.0	3.4	0.059	22
3425 - 89 - 6	***4-Methyl-1,2,3,6-tetrahydrophthalic anhydride (see Methyltetrahydrophthalic anhydride isomers, CAS# 0-00-0)***					
~~4685 - 14 - 7~~	~~Paraquat, respirable fraction~~	~~I~~	~~0.36~~	~~0.24~~	~~0.0043~~	~~1.6~~
~~4685 - 14 - 7~~	~~Paraquat, total dust~~	~~I~~	~~1.8~~	~~1.2~~	~~0.021~~	~~7.8~~
4685 - 14 - 7	***Paraquat as the cation, inhalable fraction***	***I***	***0.18***	***0.12***	***0.0021***	***0.77***
5333 - 84 - 6	***1,2,3,6-Tetrahydro-3-methyphthalic anhydride (see Methyltetrahyrophthalic anhydride isomers, CAS# 0-00-0)***					
6018 - 89 - 9	***Nickel acetate, as Ni, inhalable fraction (see Nickel, soluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0)***					
6385 - 62 - 2	Diquat dibromide monohydrate, ***as the cation,*** inhalable fraction (see Diquat, ***as the cation***, inhalable fraction***,*** CAS# 2764-72-9)					
6385 - 62 - 2	Diquat dibromide monohydrate, ***as the cation,*** respirable fraction (see Diquat, ***as the cation***, respirable fraction***,*** CAS# 2764-72-9)					
7085 - 85 - 0	***Ethyl 2-cyanoacrylate***	***II***	***5.2***	***3.4***	***0.061***	***22***
7439 - 96 - 5	Manganese, elemental ***and inorganic compounds***, as Mn, respirable fraction	II	0.10	0.050	0.0012	0.44
7439 - 96 - 5	Manganese, ***elemental and*** inorganic compounds, as Mn, ~~respirable~~ ***inhalable*** fraction	II	0.50	0.050	0.0060	0.81
7439 - 98 - 7	Molybdenum ***metal and insoluble compounds***, as Mo ~~(metal and insoluble)~~, inhalable ***fraction***	I	36	24	0.43	156
7439 - 98 - 7	Molybdenum ***soluble compounds***, as Mo ~~(metal and insoluble)~~, respirable ***fraction***	I	11	7.1	0.13	48
7439 - 98 - 7	Molybdenum ***soluble compounds***, as Mo ~~(soluble compounds)~~, respirable ***fraction***	I	1.8	1.2	0.021	7.8
7440 - 02 - 0	Nickel, elemental, as Ni, inhalable fraction	I	~~3.6~~ ***5.4***	~~2.4~~ ***3.6***	~~0.043~~ ***0.064***	~~16~~ ***23***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
7440 - 02 - 0	Nickel, insoluble, inorganic compounds, as Ni, inhalable fraction	I	~~3.6~~ ***0.71***	~~2.4~~ ***0.48***	~~0.043~~ ***0.0085***	~~16~~ ***3.1***
7440 - 06 - 4	Platinum metal	~~I~~ ***II***	5.0	3.4	0.060	22
7440 - 31 - 5	Tin, metal, ***inhalable fraction***	II	10	6.7	0.12	43
7440 - 31 - 5	Tin, ~~oxide/~~***and*** inorganic compounds (not SnH_4 ***and indium tin oxide***), as Sn, ***inhalable fraction***	II	10	6.7	0.12	43
~~7440 - 33 - 7~~	~~Tungsten, soluble compounds as W~~	~~I~~	~~5.0~~	~~2.4~~	~~0.059~~	~~22~~
7440 - 33 - 7	Tungsten ~~metal~~ and ~~insoluble~~ compounds ***in the absence of cobalt, as W, respirable fraction***	I	~~18~~ ***11***	~~12~~ ***7.1***	~~0.21~~ ***0.13***	~~78~~ ***46***
7440 - 41 - 7	Beryllium and compounds, as Be, inhalable fraction	I	~~0.18~~ ***0.00018***	~~0.020~~ ***0.00012***	~~0.0021~~ ***0.0000021***	~~0.033~~ ***0.00077***
7440 - 43 - 9	***Cadmium and compounds, as Cd, total particulate***	***I***	***0.036***	***0.024***	***0.00042***	***0.16***
~~7440 - 47 - 3~~	~~Chromium insoluble (CrVI compounds)~~	~~I~~	~~0.036~~	~~0.024~~	~~0.00043~~	~~0.16~~
~~7440 - 47 - 3~~	~~Chromium metal and CrIII compounds~~	~~I~~	~~1.8~~	~~1.2~~	~~0.021~~	~~7.8~~
~~7440 - 47 - 3~~	~~Chromium water soluble (CrVI) compounds~~	~~I~~	~~0.18~~	~~0.12~~	~~0.0021~~	~~0.78~~
7440 - 48 - 4	***Cobalt and inorganic compounds, as Co, inhalable fraction***	***II***	***0.14***	***0.067***	***0.0017***	***0.61***
7553 - 56 - 2	Iodine ~~and Iodides~~, inhalable fraction and vapor	II	~~0.37~~ ***0.52***	~~0.25~~ ***0.35***	~~0.0044~~ ***0.0062***	~~1.6~~ ***2.3***
7646 - 79 - 9	***Cobalt chloride, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-4)***					
7664 - 93 - 9	Sulfuric acid, ***thoracic particulate matter***	I	0.71	0.48	0.0084	3.1
7681 - 11 - 0	***Potassium iodide, inhalable fraction and vapor***	***II***	***0.34***	***0.23***	***0.0041***	***1.5***
7681 - 49 - 4	Sodium fluoride, ~~(as fluoride)~~ ***as F (see Fluorides as F CAS# 0-00-0)***	~~I~~	~~8.9~~	~~6.0~~	~~0.11~~	~~39~~
7681 - 82 - 5	***Sodium iodide, inhalable fraction and vapor***	***II***	***0.31***	***0.21***	***0.0037***	***1.3***
7718 - 54 - 9	***Nickel chloride, as Ni, inhalable fraction (see Nickel, soluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0)***					
7719 - 09 - 7	Thionyl chloride	~~II~~ ***I***	~~3.9~~ ***3.5***	2.3	~~0.046~~ ***0.041***	~~17~~ ***15***

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
~~7722 - 64 - 7~~	~~Potassium permanganate, as Mn~~	~~II~~	~~1.0~~	~~0.67~~	~~0.012~~	~~4.3~~
7727 - 43 - 7	***Barium sulfate, inhalable fraction***	***II***	***104***	***50***	***1.2***	***452***
7738 - 94 - 5	***Chromic acid, as Cr(VI) inhalable fraction (see Hexavalent chromium compounds as Cr(VI), inhalable fraction, CAS# 18540-29-9)***					
7758 97 - 6	Lead chromate, as Cr***(VI), inhalable fraction (see Hexavalent chromium as Cr(VI), inhalable fraction, CAS# 18540-29-9)***	I	~~0.043~~	~~0.029~~	~~0.00051~~	~~0.19~~
~~7758 - 97 - 6~~	~~Lead chromate, as Pb~~	~~I~~	~~0.18~~	~~0.12~~	~~0.0021~~	~~0.77~~
7773 - 01 - 5	***Manganese (II) chloride, as Mn, respirable fraction (see Mangnaese elemental and inorganic compounds, as Mn, respirable fraction, CAS# 7439-96-5)***					
7773 - 01 - 5	***Manganese (II) chloride, as Mn, inhalable fraction (see Mangnaese elemental and inorganic compounds, as Mn, inhalable fraction, CAS# 7439-96-5)***					
7775 - 11 - 3	***Sodium chromate, as Cr(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9)***					
~~7775 - 27 - 1~~	~~Sodium persulfate~~	~~III~~	~~2.1~~	~~0.99~~	~~0.025~~	~~9.1~~
7778 - 50 - 9	***Potassium dichromate, as Cr(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9)***					
7782 - 41 - 4	Fluorine, ***as F***	I	~~5.7~~ ***0.56***	~~3.8~~ ***0.37***	~~0.068~~ ***0.0066***	~~25~~ ***2.4***
7782 - 50 - 5	Chlorine	~~II~~ ***I***	~~7.5~~ ***1.0***	~~5.0~~ ***0.69***	~~0.089~~ ***0.012***	~~33~~ ***4.5***
7786 - 81 - 4	Nickel sulfate, ***as Ni***, ~~(as Nickel,soluble compounds),~~ inhalable fraction, ***(see Nickel soluble and inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0)***	~~I~~	~~0.36~~	~~0.24~~	~~0.0043~~	~~1.6~~
7787 - 49 - 7	***Beryllium fluroide, as Be, inhalable fraction (see Beryllium and compounds, as Be, inahalable fraction, CAS# 7440-41-7)***					
7789 - 00 - 6	***Potassium chromate, as Cr(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9)***					

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
7789 - 02 - 8	***Chromium nitrate nonahydrate, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1)***					
7789 - 04 - 0	***Chromium phosphate, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1)***					
7789 - 06 - 2	Strontium chromate, as Cr***(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9)***	~~I~~	~~0.0018~~	~~0.0012~~	~~0.000021~~	~~0.0078~~
7789 - 09 - 5	***Ammonium dichromate, as Cr(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9)***					
7789 - 12 - 0	***Sodium dichromate, dihydrate, as Cr(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9)***					
7803 - 51 - 2	Phosphine	I	~~1.5~~ ***0.30***	0.30	~~0.018~~ ***0.0036***	~~4.9~~ ***1.3***
8006 - 64 - 2	Turpentine ***and select monoprenes***	II	558	372	6.6	2420
8008 - 20 - 6	Kerosene ***as total hydrocarbon vapor***	II	1006	671	12	4362
~~8050 - 09 - 7~~	~~Rosin core solder thermal decomposition products~~	~~II~~	~~0.50~~	~~0.34~~	~~0.0059~~	~~2.2~~
9006 - 04 - 6	Natural rubber latex, as inhalable allergic proteins	II	~~0.0010~~ ***0.00050***	~~0.0010~~ ***0.00034***	~~0.000012~~ ***0.0000060***	~~0.0043~~ ***0.0022***
9014 - 01 - 1	Subtilisins as crystalline active enzyme	II	~~0.0010~~ ***0.00030***	~~0.00010~~ ***0.00020***	~~0.000012~~ ***0.0000036***	~~0.0043~~ ***0.0013***
10025 - 73 - 7	***Chromium chloride, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1)***					
10026 - 22 - 9	***Cobaltous nitrate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-4)***					
10043 - 35 - 3	~~Borate compounds (~~Boric acid, inhalable fraction ***(see Borate compounds, inorganic, inhalable fraction, CAS# 0-00-0)***	~~I~~	~~7.1~~	~~4.8~~	~~0.084~~	~~31~~
10049 - 04 – 4	Chlorine dioxide	~~II~~ ***I***	~~1.4~~ ***0.98***	0.20	~~0.017~~ ***0.012***	~~3.3~~ ***4.3***
10060 - 12 - 5	***Chromium chloride, hexahydrate, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1)***					

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
10101 - 53 - 8	***Chromium sulfate, as Cr(III), inhalable fraction (see Trivalent chromium, as Cr(III), inhalable fraction, CAS# 16065-83-1)***					
10101 - 97 - 0	***Nickel sulfate, as Ni, inhalable fraction (see Nickel, soluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0)***					
10108 - 64 - 2	***Cadmium chloride, as Cd, respirable fraction (see Cadmium and compounds, as Cd, respirable fraction, CAS# 7440-43-9)***					
10108 - 64 - 2	***Cadmium chloride, as Cd, total particulate (see Cadmium and compounds, as Cd, total particulate, CAS# 7440-43-9)***					
10124 - 36 - 4	***Cadmium sulfate, as Cd, respirable fraction (see Cadmium and compounds, as Cd, respirable fraction, CAS# 7440-43-9)***					
10124 - 36 - 4	***Cadmium sulfate, as Cd, total particulate (see Cadmium and compounds, as Cd, total particulate, CAS# 7440-43-9)***					
10124 - 43 - 3	***Cobaltous sulfate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-4)***					
10141 - 05 - 6	***Cobaltous nitrate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-4)***					
10294 - 50 - 5	***Cobaltous phosphate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-4)***					
10361 - 37 - 2	***Barium chloride, as Ba (see Barium and soluble compounds, as Ba, CAS# 7440-39-3)***					
10588 - 01 - 9	Sodium dichromate, as Cr***(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9)***	~~I~~	~~0.18~~	~~0.12~~	~~0.0021~~	~~0.78~~
11070 - 44 - 3	***Methyltetrahydorphthalic anhydride (see Methyltetraphthalic anhydride isomers, CAS# 0-00-0)***					
~~11103 - 86 - 9~~	~~Zinc chromates, as Cr~~	~~I~~	~~0.036~~	~~0.024~~	~~0.00043~~	~~0.16~~
12036 - 22 - 5	***Tungsten oxide, as W, respirable fraction (see Tungsten and compounds in absence of cobalt, as W, respirable fraction, CAS# 7440-33-7)***					
12054 - 48 - 7	***Nickel hydroxide, as Ni, inhalable fraction (see Nickel, insoluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0)***					

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
12138 - 09 - 9	***Tungsten disulfide, as W, respirable fraction (see Tungsten and compounds in absence of cobalt, as W, respirable fraction, CAS# 7440-33-7)***					
~~12179 - 04 - 3~~	~~Borate compounds, inorganic (Sodium tetraborate, pentahydrate), inhalable fraction~~	~~I~~	~~7.1~~	~~4.8~~	~~0.84~~	~~31~~
12314 - 42 - 0	***Sodium chromite, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1)***					
12336 - 95 - 7	***Chromium hydroxide sulfate, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1)***					
12607 - 70 - 4	***Nickle carbonate hydroxide, as Ni, inhalable fraction (see Nickel, insoluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0)***					
12656 - 85 - 8	Molybdate orange, ~~(as molybdenum) soluble~~***as Mo***, respirable fraction ***(see Molybdenum, as Mo, soluble compounds, respirable fraction, CAS# 7439-98-7)***	~~I~~	~~18~~	~~12~~	~~0.21~~	~~78~~
13149 – 00 - 3	Hexahydrophthalic anhydride, cis isomers, inhalable fraction and vapor ***(see Hexahydrophthalic anhydride, all isomers, inhalable fraction and vapor, CAS# 85-42-7)***	~~II~~	~~0.0025~~	~~0.0017~~	~~0.000030~~	~~0.011~~
13327 - 32 - 7	***Beryllium hydroxide, as Be, inhalable fraction, (see Beryllium and compounds, as Be, inhalable fraction, CAS# 7440-41-7)***					
13466 - 78 - 9	3-Carene ***(see Turpentine and select monoterpenes, CAS# 8006-64-2)***	~~II~~	~~558~~	~~372~~	~~6.6~~	~~2420~~
13478 - 60 - 7	***Nickel nitrate, as Ni, inhalable fraction (see Nickel, soluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0)***					
13530 - 65 - 9	Zinc chromate, as Cr***(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9)***	~~I~~	~~0.036~~	~~0.024~~	~~0.00043~~	~~0.16~~
13765 - 19 - 0	Calcium chromate, as Cr***(VI), inhalable fraction (see Hexavalent chromium compounds, as Cr(VI), inhalable fraction, CAS# 18540-29-9)***	~~I~~	~~0.0036~~	~~0.0024~~	~~0.000043~~	~~0.016~~
13770 - 89 - 3	Nickel ~~(II)~~ sulfamate, as ~~Nickel~~***Ni***, ~~soluble,~~ ***inhalable fraction (see Nickel, soluble and inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0)***	~~I~~	~~0.36~~	~~0.24~~	~~0.0043~~	~~1.6~~
14166 – 21 - 3	Hexahydrophthalic anhydride, trans isomer, inhalable fraction and vapor ***(see Hexahydrophthalic anhydride, all isomers, inhalable fraction and vapor, CAS# 85-42-7)***	~~II~~	~~0.0025~~	~~0.0017~~	~~0.000030~~	~~0.011~~

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
14639 - 25 - 9	***Chromium picolinate, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1)***					
14807 - 96 - 6	Talc ~~(~~containing asbestos fibers~~)~~ ***respirable fraction***	I	0.71	0.48	0.0084	3.1
14977 - 61 - 8	Chromyl chloride, ***as Cr(VI), inhalable fraction and vapor***	~~II~~ ***I***	~~0.81~~ ***0.0023***	~~0.54~~ ***0.10***	~~0.0096~~ ***0.000027***	~~3.5~~ ***0.0098***
15244 - 36 - 7	***Manganese (II) sulfact, as Mn, respirable fraction (see Manganese elemental and inorganic compounds, as Mn, respirable fraction, CAS# 7439-96-5)***					
15244 - 36 - 7	***Manganese (II) sulfact, as Mn, inhalable fraction (see Manganese elemental and inorganic compounds, as Mn, inhalable fraction, CAS# 7439-96-5)***					
16065 - 83 - 1	***Trivalent chromium compounds, as Cr(III), inhalable fraction***	***II***	***0.015***	***0.010***	***0.00018***	***0.065***
16122 - 03 - 5	***Nickel ammonium chloride, as Ni, inhalable fraction (see Nickel, soluble inorganic compounds, as Ni, inhalable fraction, CAS# 7440-02-0)***					
16842 - 03 - 8	Cobalt hydrocarbonyl, as Co	II	~~0.50~~ ***0.70***	0.34	~~0.0059~~ ***0.0084***	~~2.2~~ ***3.1***
17194 - 00 - 2	***Barium hydorxide, as Ba (see Barium and soluble compounds, as Ba, CAS# 7440-39-3)***					
18282 - 10 - 5	***Tin (VI) oxide, as Sn, inhalable fraction (see Tin, and inorganic compounds (not SnH_4 or indium tin oxide) as Sn, inhalable fraction, CAS# 7440-31-5)***					
18540 - 29 - 9	***Hexavalent chromium compounds, as Cr(VI), inhalable fraction***	***I***	***0.00071***	***0.00048***	***0.0000085***	***0.0031***
19438 - 63 - 2	***6-Methyl-3,4,5,6-tetrahydro-2-benzofuran-1,3-dione (see Methyltetrahydrophthalic anhydride isomers, CAS# 0-00-0)***					
19438 - 64 - 3	***5-Methyl-7,7-dihydroisobenzofuran-1,3-(3ah,6h)-dione (see Methyltetrahydrophthalic anhydride isomers, CAS# 0-00-0)***					
21651 - 19 - 4	***Tin (III) oxide, as Sn, inhalable fraction (see Tin, and inorganic compounds (not SnH_4 or indium tin oxide), as Sn, inhalable fraction, CAS# 7440-31-5)***					
21725 - 46 - 2	***Cyanazine, inhalable fraction***	***II***	***0.70***	***0.34***	***0.0084***	***3.1***
22781 - 23 - 3	***Bendiocarb, inhalable fraction and vapor***	***I***	***0.36***	***0.24***	***0.0042***	***1.6***
25013 - 82 - 5	***Chromium acetate, as Cr(III), inhalable fraction (see Trivalent chromium compounds, as Cr(III), inhalable fraction, CAS# 16065-83-1)***					

CAS Number	Description	Toxicity Class [A]	24-Hr AAL[B] (µg/m³)	Annual AAL[B] (µg/m³)	24-Hr De minimis[C] (lbs/day)	Annual De minimis[C] (lbs/yr)
25154 - 54 - 5	Dintrobenzene, mixed isomers***, inhalable fraction and vapor***	II	5.0	3.4	0.060	22
25321 - 14 - 6	Dinitrotoluene***, mixed isomers***	I	0.71	0.48	0.0084	3.1
25322 - 68 - 3	Polyethylene glycol ***(average molecular weight 200-600)***	~~III~~ ***I***	~~208~~ ***50***	~~99~~ ***24***	~~2.5~~ ***0.59***	~~902~~ ***217***
26590 - 20 - 5	***Methyltetrahydrophthalic anhydride (see Methyltetrahydrophthalic anhydride isomers, CAS# 0-00-0)***					
~~37300 - 23 - 5~~	~~Zinc chromates, as Cr~~	~~I~~	~~0.036~~	~~0.024~~	~~0.00043~~	~~0.16~~
42498 - 58 - 8	***2,3,5,6-Tetrahydro-2-methylphthalic anhydride (see Methyltetrahydrophthalic anhydride isomers, CAS# 0-00-0)***					
50926 - 11 - 9	***Indium tin oxide, respirable fraction***	***II***	***0.00050***	***0.00034***	***0.0000060***	***0.0022***
51349 - 94 - 1	***Manganese (II) phosphate, as Mn, respirable fraction (see Mnaganese elemental and inorganic compounds, as Mn, respirable fraction, CAS# 7439-96-5)***					
51349 - 94 - 1	***Manganese (II) phosphate, as Mn, inhalable fraction (see Mnaganese elemental and inorganic compounds, as Mn, inhalable fraction, CAS# 7439-96-5)***					
57454 - 67 - 8	***Cobalt carbonate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-4)***					
~~59355 - 75 - 8~~	~~Methyl acetylene propadiene mixture~~	~~II~~	~~8249~~	~~5500~~	~~98~~	~~35771~~
60459 - 08 - 7	***Cobalt sulfate, as Co, inhalable fraction (see Cobalt and inorganic compounds, as Co, inhalable fraction, CAS# 7440-48-4)***					
64742 - 81 - 0	Kerosene ***as total hydrocarbon vapor***	II	1006	671	12	4362
74222 - 97 - 2	Sulfometuron, methyl, ***inhalable fraction and vapor***	II	25	17	0.30	108
95465 - 99 - 9	***Cadusafos, inhalable fraction and vapor***	***I***	***0.0036***	***0.0024***	***0.000042***	***0.016***
111988 - 49 - 9	***Thiacloprid, inhalable fraction***	***I***	***0.71***	***0.48***	***0.0085***	***3.1***
128639 - 02 - 1	***Carfentrazone-ethyl, inhalable fraction***	***II***	***5.0***	***3.4***	***0.060***	***22***
131341 - 86 - 1	***Fludioxonil, inhalable fraction***	***I***	***3.6***	***2.4***	***0.042***	***16***
946578 - 00 - 3	***Sulfoxaflor, inhalable fraction***	***I***	***0.36***	***0.24***	***0.0042***	***1.6***