

APPENDIX III

(A) The pollutants listed in Tables AIII-1 and AIII-2 of this appendix are regulated hazardous air pollutants under the LLCAPCPRS:

Table AIII-1

| CAS Number | Chemical Name | VOC? (Yes or No) | Reporting Level (lbs/year) | Other Common Names or Designations |
|-------------------|--|-----------------------------|---------------------------------------|---|
| 50-00-0 | Formaldehyde | Yes | 1,000 | |
| 50-32-8 | Benzo(a)pyrene | Yes | 20 | |
| 51-28-5 | 2,4-Dinitrophenol | Yes | 1,000 | DNP |
| 51-79-6 | Ethyl carbamate | No | 800 | Urethane |
| 53-70-3 | Dibenz(a,h)anthracene ** | Yes | 20 | |
| 53-96-3 | 2-Acetylaminofluorine | Yes | 10 | 2-AAF |
| 56-23-5 | Carbon tetrachloride | Yes | 1,000 | Carbon Tet; Benzinofom |
| 56-38-2 | Parathion | Yes | 100 | |
| 56-55-3 | Benz(a)anthracene ** | Yes | 20 | |
| 57-12-5 | Cyanide compounds ^a (refer to paragraph (B) of this appendix) | No | 2,000 * | |
| 57-14-7 | 1,1-Dimethyl hydrazine | Yes | 16 | N,N'-Dimethylhydrazine |
| 57-57-8 | beta-Propiolactone | Yes | 100 | BPL; 1,3-Propiolactone |
| 57-74-9 | Chlordane | Yes | 20 | Chlor Kil; Chlorindan |
| 57-97-6 | 7,12-Dimethylbenz(a)anthracene ** | Yes | 0 | |
| 58-89-9 | Lindane (all isomers) | No | 20 | |
| 59-89-2 | N-Nitrosomorpholine | Yes | 1,000 | 4-Nitrosomorpholine |
| 60-11-7 | 4-Dimethyl aminoazobenzene | Yes | 1,000 | Dimethyl aminoazobenzene |
| 60-34-4 | Methyl hydrazine | Yes | 60 | Monomethylhydrazine |
| 60-35-5 | Acetamide | Yes | 1,000 | Ethanamide; Acetic acid amide |
| 62-53-3 | Aniline | Yes | 1,000 | Aminobenzene |
| 62-73-7 | Dichlorvos | Yes | 200 | 2,2-Dichlorovinyl |
| 62-75-9 | N-Nitrosodimethylamine | Yes | 2 | DMN; DMNA |
| 63-25-2 | Carbaryl | No | 2,000 | 1-Naphthalenol, methylcarbamate |
| 64-67-5 | Diethyl sulfate | Yes | 1,000 | DES; Ethyl sulfate |
| 67-56-1 | Methanol | Yes | 2,000 | Methyl alcohol |
| 67-66-3 | Chloroform | Yes | 900 | Methyl trichloride |
| 67-72-1 | Hexachloroethane | No | 2,000 | 1,1,1,2,2,2-Hexachloroethane |
| 68-12-2 | Dimethyl formamide | Yes | 1,000 | N,N-Dimethylformamide |
| 71-43-2 | Benzene | Yes | 1,000 | Benzine; Coal/Mineral naphtha |
| 71-55-6 | 1,1,1-Trichloroethane | No | 2,000 | Methyl chloroform; Chloroethane |
| 72-43-5 | Methoxychlor | Yes | 2,000 | |
| 74-83-9 | Methyl bromide | Yes | 2,000 | Bromomethane |
| 74-87-3 | Chloromethane | Yes | 2,000 | Methyl chloride |
| 74-88-4 | Methyl iodide | Yes | 1,000 | Iodomethane |
| 74-90-8 | Hydrogen cyanide | No | 0 | Hydrocyanic acid |
| 75-00-3 | Ethyl chloride | Yes | 2,000 | Chloroethane |
| 75-01-4 | Vinyl chloride | Yes | 200 | 1-Chloroethene |
| 75-05-8 | Acetonitrile | Yes | 1,000 | Cyanomethane; Ethanenitrile |
| 75-07-0 | Acetaldehyde | Yes | 2,000 | Acetic aldehyde; Ethanal |
| 75-09-2 | Methylene chloride | No | 2,000 | Dichloromethane |
| 75-15-0 | Carbon disulfide | Yes | 1,000 | Carbon bisulfide |
| 75-21-8 | Ethylene oxide | Yes | 100 | Oxirane |

Table AIII-1

| CAS Number | Chemical Name | VOC? (Yes or No) | Reporting Level (lbs/year) | Other Common Names or Designations |
|------------|-----------------------------|---------------------|-------------------------------|------------------------------------|
| 75-25-2 | Bromoform | Yes | 2,000 | Tribromomethane |
| 75-34-3 | 1,1-Dichloroethane | Yes | 1,000 | 1,1-DCA; Ethylidene dichloride |
| 75-35-4 | 1,1-Dichloroethylene | Yes | 400 | 1,1-DCE; 1,1-Dichloroethene |
| 75-44-5 | Phosgene | Yes | 100 | Dichloroformaldehyde |
| 75-55-8 | 1,2-Propylenimine | Yes | 6 | 2-Methylaziridine |
| 75-56-9 | Propylene oxide | Yes | 2,000 | Methyl oxirane |
| 76-44-8 | Heptachlor | Yes | 20 | 3-Chlorochlordene |
| 77-47-4 | Hexachlorocyclopentadiene | Yes | 100 | HCCPD |
| 77-78-1 | Dimethyl sulfate | Yes | 100 | DMS; Dimethyl monosulfate |
| 78-59-1 | Isophorone | Yes | 2,000 | Cyclohexane-1-one |
| 78-87-5 | 1,2-Dichloropropane | Yes | 1,000 | Propylene dichloride |
| 79-00-5 | 1,1,2-Trichloroethane | Yes | 1,000 | 1,1,2-TCA; Vinyl trichloride |
| 79-01-6 | Trichloroethylene | Yes | 2,000 | TCE; 1,1,2-Trichloroethylene |
| 79-06-1 | Acrylamide | Yes | 20 | 2-Propenamide |
| 79-10-7 | Acrylic acid | Yes | 600 | 2-Propenoic acid; Acroleic acid |
| 79-11-8 | Chloroacetic acid | Yes | 100 | Monochloroacetic acid |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | Yes | 300 | Acetylene tetrachloride |
| 79-44-7 | Dimethyl carbamoyl chloride | Yes | 20 | DDC; DMCC |
| 79-46-9 | 2-Nitropropane | Yes | 1,000 | 2-NP |
| 80-62-6 | Methyl methacrylate | Yes | 2,000 | 2-(Methoxycarbonyl)-1-propene |
| 82-68-8 | Pentachloronitrobenzene | Yes | 300 | PCNB; Quintobenzene |
| 84-74-2 | Dibutylphthalate | Yes | 2,000 | n-Butyl phthalate |
| 85-44-9 | Phthalic anhydride | No | 2,000 | 1,3-Phthalandione |
| 87-68-3 | Hexachlorobutadiene | Yes | 900 | Hexachloro-1,3-butadiene |
| 87-86-5 | Pentachlorophenol | Yes | 700 | PCP; 2,3,4,5,6-Pentachlorophenol |
| 88-06-2 | 2,4,6-Trichlorophenol | Yes | 2,000 | TCP; Phenacolor |
| 90-04-0 | o-Anisidine | Yes | 1,000 | 2-Anisidine |
| 91-20-3 | Naphthalene | Yes | 2,000 | |
| 91-22-5 | Quinoline | Yes | 12 | Benzopyridine |
| 91-94-1 | 3,3'-Dichlorobenzidine | Yes | 200 | Benzidine 3,3'-Dichloro- |
| 92-52-4 | Biphenyl | Yes | 2,000 | Diphenyl |
| 92-67-1 | 4-Aminobiphenyl | Yes | 1,000 | Biphenylamine |
| 92-87-5 | Benzidine | Yes | 0.6 | 4,4'-Bianiline |
| 92-93-3 | 4-Nitrobiphenyl | Yes | 1,000 | PNB; 4-Nitrodiphenyl |
| 94-75-7 | 2,4-D (salts and esters) | Yes | 2,000 | 2,4-Dichlorophenoxy acetic acid |
| 95-47-6 | o-Xylenes | Yes | 2,000 | 1,2-Xylene; 1,2-Dimethylbenzene |
| 95-48-7 | o-Cresol | Yes | 1,000 | 1-Hydroxy-2-methylbenzene |
| 95-53-4 | o-Toluidine | Yes | 1,000 | 2-Aminotoluene |
| 95-80-7 | 2,4-Toluene diamine | Yes | 20 | 2,4-Diaminotoluene |
| 95-95-4 | 2,4,5-Trichlorophenol | Yes | 1,000 | 2,4,5-TCP |
| 96-09-3 | Styrene oxide | Yes | 1,000 | 1,2-Epoxyethylbenzene |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | Yes | 20 | DBCP; Dibromochloropropane |
| 96-45-7 | Ethylene thiourea | No | 600 | 2-Imidazolidinethione |
| 98-07-7 | Benzotrichloride | Yes | 12 | Benzoic trichloride |
| 98-82-8 | Cumene | Yes | 2,000 | Isopropyl benzene |
| 98-86-2 | Acetophenone | Yes | 1,000 | 1-Phenylethanone; Acetylbenzene |

Table AIII-1

| CAS Number | Chemical Name | VOC? (Yes or No) | Reporting Level (lbs/year) | Other Common Names or Designations |
|-------------------|------------------------------------|-----------------------------|---------------------------------------|---|
| 98-95-3 | Nitrobenzene | Yes | 1,000 | |
| 100-02-7 | 4-Nitrophenol | Yes | 2,000 | PNP; p-Nitrophenol |
| 100-41-4 | Ethyl benzene | Yes | 2,000 | Alpha-Methyltoluene |
| 100-42-5 | Styrene | Yes | 1,000 | Vinylbenzene; Phenylethene |
| 100-44-7 | Benzyl chloride | Yes | 100 | Chloromethylbenzene |
| 101-14-4 | 4,4-Methylene bis(2-chloroaniline) | No | 200 | MOCA; MBOCA; Bisamine |
| 101-68-8 | Methylene diphenyl diisocyanate | No | 100 | MDI |
| 101-77-9 | 4,4'-Methylenedianiline | No | 1,000 | MDA; Bis(4-aminophenyl)methane |
| 106-42-3 | p-Xylenes | Yes | 2,000 | p-Dimethylbenzene |
| 106-44-5 | p-Cresol | Yes | 1,000 | 1-Hydroxy-4-methylbenzene |
| 106-46-7 | 1,4-Dichlorobenzene | Yes | 1,000 | p-DCB; p-Dichlorobenzene |
| 106-50-3 | p-Phenylenediamine | Yes | 2,000 | 1,4-Benzenediamine |
| 106-51-4 | Quinone | Yes | 2,000 | p-Benzoquinone |
| 106-88-7 | 1,2-Epoxybutane | Yes | 1,000 | 1,2-Butene oxide |
| 106-89-8 | Epichlorohydrin | Yes | 1,000 | 1-Chloro-2,3-epoxypropane |
| 106-93-4 | Ethylene dibromide | Yes | 100 | 1,2-Dibromoethane |
| 106-94-5 | 1-Bromopropane | Yes | 0 | 1-BP; n-Propyl bromide; nBP |
| 106-99-0 | 1,3-Butadiene | Yes | 70 | Buta-1,3-diene; Biethylene |
| 107-02-8 | Acrolein | Yes | 40 | 2-Propenal; Acraldehyde |
| 107-05-1 | Allyl chloride | Yes | 1,000 | 2-Propenyl chloride |
| 107-06-2 | Ethylene dichloride | Yes | 1,000 | 1,1-Dichloroethane |
| 107-13-1 | Acrylonitrile | Yes | 300 | 2-Propenenitrile |
| 107-21-1 | Ethylene glycol | Yes | 2,000 | 1,2-Dihydroxyethane |
| 107-30-2 | Chloromethyl methyl ether | Yes | 100 | Chlorodimethyl ether |
| 108-05-4 | Vinyl acetate | Yes | 1,000 | Acetic acid ethenyl ester |
| 108-10-1 | Methyl isobutyl ketone | Yes | 2,000 | MIBK; Hexone |
| 108-31-6 | Maleic anhydride | No | 1,000 | 2,5-Furandione |
| 108-38-3 | m-Xylenes | Yes | 2,000 | 1,3-Xylene; 1,3-Dimethylbenzene |
| 108-39-4 | m-Cresol | Yes | 1,000 | 1-Hydroxy-3-methylbenzene |
| 108-86-4 | 2-Methoxy ethanol *** | No | 2,000 | |
| 108-88-3 | Toluene | Yes | 2,000 | 1-Methylbenzene |
| 108-90-7 | Chlorobenzene | Yes | 2,000 | Benzene chloride |
| 108-95-2 | Phenol | Yes | 100 | Hydroxybenzene |
| 110-54-3 | Hexane | Yes | 2,000 | N-Hexane |
| 110-80-5 | 2-Ethoxy ethanol *** | No | 2,000 | |
| 111-42-2 | Diethanolamine | Yes | 2,000 | 2,2'-Dihydroxydiethylamine |
| 111-44-4 | Dichloroethyl ether | Yes | 60 | Bis(2-chloroethyl)ether |
| 114-26-1 | Propoxur | No | 2,000 | |
| 117-81-7 | Diethylhexylphthalate | Yes | 2,000 | DEHP; Bis(2-ethylhexyl)phthalate |
| 118-74-1 | Hexachlorobenzene | No | 20 | HCB; Perchlorobenzene |
| 119-90-4 | 3,3'-Dimethoxybenzidine | Yes | 100 | 3,3'-Dianisidine; Bianisidine |
| 119-93-7 | 3,3'-Dimethyl benzidine | Yes | 16 | 2-Tolidine |
| 120-80-9 | Catechol | Yes | 2,000 | 1,2-Benzenediol |
| 120-82-1 | 1,2,4-Trichlorobenzene | Yes | 2,000 | |
| 121-14-2 | 2,4-Dinitrotoluene | Yes | 20 | DNT; 1-Methyl-2,4-dinitrobenzene |
| 121-44-8 | Triethylamine | Yes | 2,000 | N,N-Diethylethanamine |

Table AIII-1

| CAS Number | Chemical Name | VOC? (Yes or No) | Reporting Level (lbs/year) | Other Common Names or Designations |
|------------|---|---------------------|-------------------------------|------------------------------------|
| 121-69-7 | N,N-Dimethylaniline | Yes | 1,000 | (Dimethylamino)benzene |
| 122-66-7 | 1,2-Diphenylhydrazine | Yes | 90 | Hydroazobenzene |
| 123-31-9 | Hydroquinone | Yes | 1,000 | 1,4-Benzenediol |
| 123-38-6 | Propionaldehyde | Yes | 2,000 | 1-Propanone |
| 123-91-1 | 1,4-Dioxane | Yes | 2,000 | Diethylene oxide |
| 126-99-8 | Chloroprene | Yes | 1,000 | Chlorobutadiene |
| 127-18-4 | Perchloroethylene | No | 2,000 | Tetrachloroethylene |
| 131-11-3 | Dimethyl phthalate | Yes | 2,000 | Dimethyl 1,2-Benzendicarboxylate |
| 132-64-9 | Dibenzofuran | No | 2,000 | 2,2'-Biphenylene oxide |
| 133-06-2 | Captan | No | 2,000 | |
| 133-90-4 | Chloramben | No | 1,000 | 3-Amino-2,5-dichlorobenzoic acid |
| 140-88-5 | Ethyl acrylate | Yes | 1,000 | 2-Propenoic acid ethyl ester |
| 151-56-4 | Ethyleneimine | Yes | 6 | Aziridine |
| 156-62-7 | Calcium cyanamide | No | 2,000 | Calcium carbimide |
| 189-55-9 | Dibenz(a,i)pyrene ** | Yes | 20 | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | Yes | 20 | |
| 205-99-2 | Benzo(b)fluoranthene | Yes | 20 | |
| 218-01-9 | Chrysene ** | Yes | 20 | |
| 225-54-1 | Benz(c)aridine ** | Yes | 20 | |
| 302-01-2 | Hydrazine | No | 8 | Diamine |
| 334-88-3 | Diazomethane | Yes | 1,000 | Azimethylene |
| 463-58-1 | Carbonyl sulfide | Yes | 2,000 | Carbon oxide sulfide |
| 510-15-6 | Chlorobenzilate | Yes | 400 | 4,4'-Dichlorobenzilate |
| 532-27-4 | 2-Chloroacetophenone | Yes | 60 | Phenacyl chloride |
| 534-52-1 | 4,6-Dinitro-o-cresol, and salts | No | 100 | Dinitrocresol |
| 540-84-1 | 2,2,4-Trimethylpentane | Yes | 2,000 | Isooctane |
| 542-75-6 | 1,3-Dichloropropene | Yes | 1,000 | 3-Dichloropropylene |
| 542-88-1 | Bis(chloromethyl)ether | Yes | 0.6 | BCME; Dichloromethyl ether |
| 584-84-9 | 2,4-Toluene diisocyanate | Yes | 100 | 2,4-TDI |
| 593-60-2 | Vinyl bromide | Yes | 600 | Bromoethene |
| 624-83-9 | Methyl isocyanate | Yes | 100 | Isocyanatomethane |
| 680-31-9 | Hexamethylphosphoramide | No | 20 | HMPA; HMPT; HMPTA |
| 684-93-5 | N-Nitroso-N-methylurea | Yes | 0.4 | MNU; Methylnitrosourea |
| 822-06-0 | Hexamethylene diisocyanate | No | 20 | 1,6-Diisocyanatohexane |
| 1120-71-4 | 1,3-Propane sultone | No | 30 | Propyl sultone |
| 1304-56-9 | Beryllium salts | No | 0.04 | |
| 1308-38-9 | Chromium compounds – Trivalent only | No | 2,000 | Chromium oxide |
| 1319-77-3 | Cresols/Cresylic acid (isomers and mixture) | Yes | 1,000 | |
| 1330-20-7 | Xylenes (isomers and mixture) | Yes | 2,000 | Dimethylbenzenes |
| 1332-21-4 | Asbestos | No | 0 | |
| 1336-36-3 | Polychlorinated biphenyls | Yes | 18 | PCBs |
| 1582-09-8 | Trifluralin | No | 2,000 | |
| 1634-04-4 | Methyl tert-butyl ether | Yes | 2,000 | MTBE |
| 1746-01-6 | 2,3,7,8-Tetrachlorodibenzo-p-dioxin | No | 0.0012 | Tetradoxin |
| 3547-04-4 | DDE | Yes | 20 | Dichlorodiphenyldichloroethylene |

Table AIII-1

| CAS Number | Chemical Name | VOC? (Yes or No) | Reporting Level (lbs/year) | Other Common Names or Designations |
|-------------------|---|-----------------------------|---------------------------------------|---|
| 7439-92-1 | Lead and lead compounds | No | 20 | |
| 7439-96-5 | Manganese and manganese compounds (refer to paragraph (B) of this appendix) | No | 800 * | |
| 7439-97-6 | Mercury and mercury compounds | No | 20 | |
| 7440-02-0 | Nickel compounds (refer to paragraph (B) of this appendix) | No | 1,000 * | |
| 7440-36-0 | Antimony compounds (refer to paragraph (B) of this appendix) | No | 2,000 * | |
| 7440-38-2 | Arsenic and inorganic arsenic compounds | No | 10 | |
| 7440-41-7 | Beryllium compounds (except salts) | No | 16 | |
| 7440-43-9 | Cadmium compounds | No | 20 | |
| 7440-47-3 | Chromium compounds (except Hexavalent and Trivalent) | No | 2,000 | |
| 7440-48-4 | Cobalt compounds | No | 100 | |
| 7550-45-0 | Titanium tetrachloride | No | 100 | Tetrachlorotitanium |
| 7647-01-0 | Hydrochloric acid | No | 2,000 | Hydrogen chloride |
| 7664-39-3 | Hydrogen fluoride | No | 100 | Hydrofluoric acid |
| 7723-14-0 | Phosphorous | No | 100 | |
| 7782-49-2 | Selenium and selenium compounds | No | 100 | |
| 7782-50-5 | Chlorine | No | 100 | |
| 7784-42-1 | Arsine | No | 10 | |
| 7803-51-2 | Phosphine | No | 2,000 | Hydrogen phosphide |
| 8001-35-2 | Toxaphene | No | 20 | Campechlor |
| 10025-73-7 | Chromic chloride | No | 100 | |
| 18540-29-9 | Chromium compounds – Hexavalent only | No | 4 | |
| N/A | Coke oven emissions | No | 30 | |
| N/A | Dioxins and Furans ^b (TCDD Equivalent) | No | 0 | |
| N/A | Fine mineral fiber compounds ^c (refer to paragraph (B) of this appendix) | No | 0 * | |
| N/A | Glycol ethers ^d (refer to paragraph (B) of this appendix) | No | 2,000 * | |
| N/A | Polycyclic Organic Matter ^e (refer to paragraph (B) of this appendix) | Yes | 20 * | POM |
| N/A | Radionuclides (including radon) ^f | No | ^g | |

* – The reporting level for specific compounds in this group may be different than the reporting level provided in Table AII-1. Refer to Table AII-2 of this appendix for specific reporting levels for each compound.

** – These pollutants are not listed by name in EPA’s list of Hazardous Air Pollutants. The pollutants are included here because they are part of the ‘Polycyclic Organic Matter’ pollutant group.

*** – These pollutants are not listed by name in EPA’s list of Hazardous Air Pollutants. The pollutants are included here because they are part of the ‘Glycol Ethers’ pollutant group.

APPENDIX III

- (B) Individual hazardous air pollutants that are part of one of the chemical groups set forth in Table AII-2 below may have different reporting levels. The reporting level for each individual hazardous air pollutant in each chemical group is established Table AII-2. For the purpose of determining major source status as described in Article 2, Section 2 of the LLCAPCPRS, the emissions of all compounds included in each of the chemical groups presented in Table AII-2 below should be aggregated.

Table AIII-2

| CAS Number | Chemical Name | VOC? (Yes or No) | Reporting Level (lbs/year) | Other Common Names or Designations |
|--|--|---------------------|-------------------------------|------------------------------------|
| Chemical Group: Antimony | | | | |
| 1309-64-4 | Antimony trioxide | No | 1,000 | |
| 1345-04-6 | Antimony trisulfide | No | 100 | |
| 7440-36-0 | Antimony compounds | No | 2,000 | |
| 7783-70-2 | Antimony pentafluoride | No | 100 | |
| 28300-74-5 | Antimony potassium tartrate | No | 1,000 | |
| Chemical Group: Arsenic | | | | |
| 7440-38-2 | Arsenic and inorganic arsenic compounds | No | 10 | |
| 7784-42-1 | Arsine | No | 10 | |
| Chemical Group: Beryllium | | | | |
| 7440-41-7 | Beryllium compounds (except salts) | No | 16 | |
| N/A | Beryllium salts | No | 0.04 | |
| Chemical Group: Chromium | | | | |
| 1308-38-9 | Chromium compounds - Trivalent | No | 2,000 | Chromium oxide |
| 7440-47-3 | Chromium compounds except Hexavalent and Trivalent | No | 2,000 | |
| 10025-73-7 | Chromic chloride | No | 100 | |
| 18540-29-9 | Chromium compounds - Hexavalent | No | 4 | |
| Chemical Group: Cresols | | | | |
| 95-48-7 | o-Cresol | Yes | 1,000 | 1-Hydroxy-2-methylbenzene |
| 106-44-5 | p-Cresol | Yes | 1,000 | 1-Hydroxy-4-methylbenzene |
| 108-39-4 | m-Cresol | Yes | 1,000 | 1-Hydroxy-3-methylbenzene |
| 1319-77-3 | Cresols/Cresylic acid (mixed and isomers) | Yes | 1,000 | |
| Chemical Group: Cyanide | | | | |
| 14-33-3 | Sodium cyanide | No | 100 | |
| 57-12-5 | Cyanide compounds | No | 2,000 | |
| 151-50-8 | Potassium cyanide | No | 100 | |
| Chemical Group: Fine Mineral Fibers | | | | |
| 14464-46-1 | Silica (crystalline) | No | 0 | |
| 14807-96-6 | Talc containing asbestos form fibers | No | 0 | |
| 65997-17-3 | Glass Wool | No | 0 | |
| 66733-21-9 | Erionite | No | 0 | |
| 142844-00-6 | Ceramic fibers | No | 0 | |
| N/A | Fine mineral fibers | No | 0 | |
| N/A | Rock Wool | No | 0 | |
| N/A | Slag wool | No | 0 | |

Table AIII-2

| CAS Number | Chemical Name | VOC? (Yes or No) | Reporting Level (lbs/year) | Other Common Names or Designations |
|--|---|---------------------|-------------------------------|------------------------------------|
| Chemical Group: Glycol Ethers | | | | |
| 108-86-4 | 2-Methoxy ethanol | No | 2,000 | |
| 110-80-5 | 2-Ethoxy ethanol | No | 2,000 | |
| N/A | Glycol ethers | No | 2,000 | |
| Chemical Group: Manganese | | | | |
| 7439-96-5 | Manganese and manganese compounds, except those below | No | 800 | |
| 12108-13-3 | Methylcyclopentadienyl manganese | No | 100 | |
| Chemical Group: Nickel | | | | |
| 1-14-6 | Nickel refinery dust | No | 80 | |
| 7440-02-0 | Nickel compounds, except those in this group | No | 1,000 | |
| 12035-72-2 | Nickel subsulfide | No | 40 | |
| 13463-39-3 | Nickel carbonyl | No | 100 | |
| Chemical Group: Polycyclic Organic Matter (POM) | | | | |
| 53-96-3 | 2-Acetylaminofluorene | Yes | 10 | 2-AAF |
| 63-25-2 | Carbaryl | No | 2,000 | 1-Naphthalenol, methylcarbamate |
| 91-22-5 | Quinoline | Yes | 12 | Benzopyridine |
| 91-94-1 | 3,3'-Dichlorobenzidine | Yes | 200 | Benzidine 3,3'-Dichloro- |
| 92-52-4 | Biphenyl | Yes | 2,000 | Diphenyl |
| 92-67-1 | 4-Aminobiphenyl | Yes | 1,000 | Biphenylamine |
| 92-87-5 | Benzidine | Yes | 0.6 | 4,4'-Bianiline |
| 92-93-3 | 4-Nitrobiphenyl | Yes | 1,000 | PNB; 4-Nitrodiphenyl |
| 101-14-4 | 4,4'-Methylene bis(2-chloroaniline) | No | 200 | MOCA; MBOCA; Bisamine |
| 101-68-8 | Methylene diphenyl diisocyanate | No | 100 | MDI |
| 119-90-4 | 3,3'-Dimethoxybenzidine | Yes | 100 | 3,3'-Dianisidine; Bianisidine |
| 119-93-7 | 3,3'-Dimethylbenzidine | Yes | 16 | 2-Tolidine |
| 132-64-9 | Dibenzofurans | No | 2,000 | 2,2'-Biphenylene oxide |
| 510-15-6 | Chlorobenzilate | Yes | 400 | 4,4'-Dichlorobenzilate |
| 1746-01-6 | 2,3,7,8-Tetrachlorodibenzo-p-dioxin | No | 0.0012 | Tetradoxin |
| 3547-04-4 | DDE | Yes | 20 | Dichlorodiphenyldichloroethylene |
| N/A | Polycyclic Organic Matter (including those marked with ** in Table AII-1) | Yes | 20 | POM |
| Chemical Group: Xylenes | | | | |
| 95-47-6 | o-Xylenes | Yes | 2,000 | 1,2-Xylene; 1,2-Dimethylbenzene |
| 106-42-3 | p-Xylenes | Yes | 2,000 | p-Dimethylbenzene |
| 108-38-3 | m-Xylenes | Yes | 2,000 | 1,3-Xylene; 1,3-Dimethylbenzene |
| 1330-20-7 | Xylenes (mixed and isomers) | Yes | 2,000 | Dimethylbenzenes |

^a – X'CN where X=H' or any other group where formal dissociation may occur (e.g. KCN or Ca(CN)₂).

^b – The "toxic equivalent factor" method in EPA/625/3-89-016, [U.S. EPA (1989) Interim procedures for estimating risk associated with exposure to mixtures] should be used for PCDD/PCDF mixtures. A different de minimis level will be determined for each mixture depending on the equivalency factors which are compound specific.

- ^c – Includes glass microfibers, glass wool fibers, rock wool fibers and slag wool fibers, each characterized as “respirable” (fiber diameter <3.5 micrometers) and possessing an aspect ratio (fiber length divided by fiber diameter) >3.
- ^d – Include mono- and di-ethers of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH₂CH₂)_n-OR'
- Where:
- n = 1, 2, or 3;
 - R = alkyl C7 or less; or
 - R = phenyl or alkyl substituted phenyl;
 - R' = H or alkyl C7 or less; or
 - OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.
- ^e – Includes organic compounds with more than one benzene ring, and which have a boiling point greater than or equal to 100 °C.
- ^f – A type of atom which spontaneously undergoes radioactive decay.
- ^g – The EPA relies on Subparts B and I, and Appendix E of 40 CFR Part 61 and assigns a de minimis level based on an effective dose equivalent of 0.3 millirem per year for a 7 year exposure period that would result in a cancer risk of 1 per million. The individual radionuclides subject to de minimis levels used for Section 112(g) are also contained in 40 CFR Part 61.