

FOR YOUR INFORMATION

The Following Notice was Published by the District

NOTICE OF PRELIMINARY DECISION TO REVISE TABLES I, II, AND III IN RULES 1200 AND 1210 OF REGULATION XII BY THE SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT

The San Diego County Air Pollution Control District (District) hereby gives notice that the Air Pollution Control Officer has made a preliminary decision to update Tables I, II, and III in Rule 1200 (Toxic Air Contaminants-New Source Review) and Rule 1210 (Toxic Air Contaminant Public Health Risks-Public Notification and Risk Reduction) in accordance with Subsection (c)(23) of Rules 1200 and 1210.

Pursuant to Rules 1200 and 1210, the assessment of the public health risks of facility emissions of toxic air contaminants is based on the health standards and guidelines established by the California Office of Environmental Health Hazard Assessment (OEHHA). Since the last District update of these tables in 2021, the California Air Pollution Control Officers Association (CAPCOA) approved the use of OEHHA approved health values for several new pollutants that have potential carcinogenic, chronic and/or acute impacts. Accordingly, the District now proposes to add these new compounds to the list of compounds in Tables I, II, and III of Rules 1200 and 1210 and make other administrative revisions. A list of the new compounds can be found on the District's website at <https://bit.ly/R1200-R1210-Tables>. Additional information regarding new and existing compounds within these tables can be reviewed on the OEHHA website at <https://oehha.ca.gov/air/chemicals>.

The proposal is available for public review at the San Diego County Air Pollution Control District, 10124 Old Grove Road, San Diego, CA 92131. It is also available on the District's website at <https://bit.ly/workshops-public-notices>. Written comments concerning the District's proposed action may be submitted to the District at the same address for a period of 30 days, commencing August 16, 2023, and ending on September 15, 2023. Please email all written comments directly to APCDRules@sdapcd.org.

Questions regarding the proposed action may be directed to Nick Cormier at Nick.Cormier@sdapcd.org or (858) 586-2798.

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Published: August 16, 2023

NC:AQD:jlm – 08/14/23

Table I

Toxic Air Contaminants For Which Potential Carcinogenic Impacts Must Be Calculated^a

COMPOUND	CAS # ^b	Date Added
Acetaldehyde	75-07-0	6/12/1996
Acetamide	60-35-5	1/11/2001
Acrylamide	79-06-1	6/12/1996
Acrylonitrile	107-13-1	6/12/1996
Allyl chloride	107-05-1	1/11/2001
2-Aminoanthraquinone	117-79-3	1/11/2001
Aniline	62-53-3	1/11/2001
<u>Aniline hydrochloride</u>	<u>142-04-1</u>	<u>(date of revision)</u>
Arsenic (inorganic) and compounds (<u>inorganic</u>)	7440-38-2, <u>1015</u> , <u>1016</u>	6/12/1996
<u>Arsenic acid</u>	<u>7778-39-4</u>	<u>(date of revision)</u>
<u>Arsenic pentoxide</u>	<u>1303-28-2</u>	<u>(date of revision)</u>
<u>Arsenic trioxide</u>	<u>1327-53-3</u>	<u>(date of revision)</u>
<u>Calcium arsenate</u>	<u>7778-44-1</u>	<u>(date of revision)</u>
<u>Gallium arsenide</u>	<u>1303-00-0</u>	<u>(date of revision)</u>
Asbestos	1332-21-4	6/12/1996
<u>Actinolite</u>	<u>77536-66-4</u>	<u>(date of revision)</u>
<u>Amosite</u>	<u>12172-73-5</u>	<u>(date of revision)</u>
<u>Anthophyllite</u>	<u>77536-67-5</u>	<u>(date of revision)</u>
<u>Chrysotile</u>	<u>12001-29-5</u>	<u>(date of revision)</u>
<u>Crocidolite</u>	<u>12001-28-4</u>	<u>(date of revision)</u>
<u>Tremolite</u>	<u>77536-68-6</u>	<u>(date of revision)</u>
Benzene	71-43-2	6/12/1996
Benzidine (and its salts) as follows:	92-87-5	6/12/1996
Benzidine based dyes	1020	6/12/1996
<u>C.I. Direct Blue 218 [PAH-Derivative/Related, POM]</u>	<u>28407-37-6</u>	<u>(date of revision)</u>
<u>3,3'-Dimethylbenzidine dihydrochloride</u>	<u>612-82-8</u>	<u>(date of revision)</u>
Direct Black 38	1937-37-7	6/12/1996
Direct Blue 6	2602-46-2	6/12/1996
Direct Brown 95 (technical grade)	16071-86-6	6/12/1996
Benzyl chloride	100-44-7	1/11/2001
Beryllium and compounds	7440-41-7, <u>1021</u>	6/12/1996
<u>Beryllium sulfate</u>	<u>13510-49-1</u>	<u>(date of revision)</u>
<u>Beryllium sulfate (tetrahydrate)</u>	<u>7787-56-6</u>	<u>(date of revision)</u>
<u>Beryllium oxide</u>	<u>1304-56-9</u>	<u>(date of revision)</u>
Bis (2-chloroethyl) ether (dichloroethyl ether)	111-44-4	1/11/2001
Bis (chloromethyl) ether	542-88-1	1/11/2001
<u>Bromate</u>	<u>15541-45-4</u>	<u>(date of revision)</u>
Potassium bromate	7758-01-2	1/11/2001
<u>1-Bromopropane</u>	<u>106-94-5</u>	<u>(date of revision)</u>
1,3-Butadiene	106-99-0	6/12/1996
Cadmium and compounds	7440-43-9, <u>1045</u>	6/12/1996
<u>Cadmium chloride</u>	<u>10108-64-2</u>	<u>(date of revision)</u>
<u>Cadmium succinate</u>	<u>141-00-4</u>	<u>(date of revision)</u>

Table I - continued

Toxic Air Contaminants For Which Potential Carcinogenic Impacts Must Be Calculated^a

COMPOUND	CAS # ^b	Date Added
Carbon tetrachloride (tetrachloromethane)	56-23-5	6/12/1996
Chlorinated paraffins	108171-26-2	1/11/2001
4-Chloro-o-phenylenediamine	95-83-0	1/11/2001
Chloroform	67-66-3	6/12/1996
Chlorophenols as follows:	N/A	6/12/1996
Pentachlorophenol	87-86-5	6/12/1996
2,4,6-Trichlorophenol	88-06-2	6/12/1996
p-Chloro-o-toluidine	95-69-2	1/11/2001
<u>1-Chloro-4-(trifluoromethyl)benzine {PCBTF}</u>	<u>98-56-6</u>	<u>(date of revision)</u>
Chromium (hexavalent) and compounds including, but not limited to:	18540-29-9	6/12/1996
Barium chromate	10294-40-3	6/12/1996
<u>t-Butyl chromate (VI)</u>	<u>1189-85-1</u>	<u>(date of revision)</u>
Calcium chromate	13765-19-0	6/12/1996
Lead chromate	7758-97-6	6/12/1996
Sodium dichromate	10588-01-9	6/12/1996
Strontium chromate	7789-06-2	6/12/1996
Chromium trioxide (as chromic acid mist)	1333-82-0	6/12/1996
Cobalt	7440-48-4	2/26/2021
<u>Cobalt compounds, insoluble, including but not limited to:</u>	<u>1216</u>	<u>(date of revision)</u>
<u>Cobalt carbonate</u>	<u>513-79-1</u>	<u>(date of revision)</u>
<u>Cobalt carbonyl</u>	<u>10210-68-1</u>	<u>(date of revision)</u>
<u>Cobalt hydroxide</u>	<u>21041-93-0</u>	<u>(date of revision)</u>
<u>Cobalt oxalate</u>	<u>814-89-1</u>	<u>(date of revision)</u>
<u>Cobalt [II] oxide</u>	<u>1307-96-6</u>	<u>(date of revision)</u>
<u>Cobalt [III] oxide</u>	<u>1308-06-1</u>	<u>(date of revision)</u>
<u>Cobalt sulfide</u>	<u>1317-42-6</u>	<u>(date of revision)</u>
<u>Cobalt sulfate and other soluble cobalt compounds, including but not limited to:</u>	<u>1217</u>	
<u>Cobalt acetate (tetrahydrate)</u>	<u>71-48-7</u>	<u>(date of revision)</u>
<u>Cobalt chloride (hexahydrate)</u>	<u>7646-79-9</u>	<u>(date of revision)</u>
<u>Cobalt hydrocarbonyl</u>	<u>16842-03-8</u>	<u>(date of revision)</u>
<u>Cobalt nitrate (hexahydrate)</u>	<u>10141-05-6</u>	<u>(date of revision)</u>
<u>Cobalt octoate</u>	<u>136-52-7</u>	<u>(date of revision)</u>
<u>Cobalt sulfate</u>	<u>10124-43-3</u>	<u>(date of revision)</u>
<u>Cobalt sulfate (heptahydrate)</u>	<u>10026-24-1</u>	<u>(date of revision)</u>
p-Cresidine	120-71-8	1/11/2001
Cupferron	135-20-6	1/11/2001
2,4-Diaminoanisole	615-05-4	1/11/2001
2,4-Diaminotoluene	95-80-7	1/11/2001
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	6/12/1996
p-Dichlorobenzene	106-46-7	6/12/1996
3,3-Dichlorobenzidine	91-94-1	6/12/1996
1,1-Dichloroethane (ethylidene dichloride)	75-34-3	1/11/2001

Table I - continued

Toxic Air Contaminants For Which Potential Carcinogenic Impacts Must Be Calculated^a

COMPOUND	CAS # ^b	Date Added
Di(2-ethylhexyl)phthalate (DEHP)	117-81-7	6/12/1996
p-Dimethylaminoazobenzene	60-11-7	1/11/2001
2,4-Dinitrotoluene	121-14-2	1/11/2001
<u>2,4-Dinitrotoluene, sulfurized</u>	<u>1326-41-6</u>	<u>(date of revision)</u>
1,4-Dioxane (1,4-diethylene dioxide)	123-91-1	6/12/1996
Epichlorohydrin (1-chloro-2,3-epoxypropane)	106-89-8	6/12/1996
Ethyl benzene	100-41-4	11/14/2007
Ethylene dibromide (1,2-dibromoethane)	106-93-4	6/12/1996
Ethylene dichloride (1,2-dichloroethane)	107-06-2	6/12/1996
Ethylene oxide (1,2-epoxyethane)	75-21-8	6/12/1996
Ethylene thiourea	96-45-7	1/11/2001
Formaldehyde	50-00-0	6/12/1996
Hexachlorobenzene	118-74-1	6/12/1996
Hexachlorocyclohexanes (mixed or technical grade)	608-73-1	6/12/1996
Alpha - hexachlorocyclohexane	319-84-6	6/12/1996
Beta - hexachlorocyclohexane	319-85-7	6/12/1996
Gamma - hexachlorocyclohexane (Lindane)	58-89-9	6/12/1996
Hydrazine	302-01-2	6/12/1996
Lead (inorganic) and compounds including, but not limited to:	7439-92-1, <u>1128</u> , <u>1130</u>	1/11/2001
Lead acetate	301-04-2	1/11/2001
Lead phosphate	7446-27-7	1/11/2001
Lead subacetate	1335-32-6	1/11/2001
Methyl tertiary-butyl ether	1634-04-4	1/11/2001
4,4'-Methylene bis (2-chloroaniline) (MOCA)	101-14-4	1/11/2001
Methylene chloride (dichloromethane)	75-09-2	6/12/1996
4,4'-Methylene dianiline (and its dichloride)	101-77-9	1/11/2001
Michler's Ketone (4,4'-bis (dimethylamino) benzophenone)	90-94-8	1/11/2001
n-Nitrosodi-n-butylamine	924-16-3	6/12/1996
n-Nitrosodi-n-propylamine	621-64-7	6/12/1996
n-Nitrosodiethylamine	55-18-5	6/12/1996
n-Nitrosodimethylamine	62-75-9	6/12/1996
n-Nitrosodiphenylamine	86-30-6	1/11/2001
n-Nitroso-n-methylethylamine	10595-95-6	6/12/1996
n-Nitrosomorpholine	59-89-2	6/12/1996
n-Nitrosopiperidine	100-75-4	6/12/1996
n-Nitrosopyrrolidine	930-55-2	6/12/1996
<u>Naphthalene</u>	<u>91-20-3</u>	<u>8/03/2004</u>
Nickel and compounds including, but not limited to:	7440-02-0, <u>1145</u>	6/12/1996
Nickel acetate	373-02-4	6/12/1996
Nickel carbonate	3333-67-3	6/12/1996
Nickel carbonyl	13463-39-3	6/12/1996
<u>Nickel chloride</u>	<u>7718-54-9</u>	<u>(date of revision)</u>
<u>Nickel nitrate {Nickel (II) nitrate}</u>	<u>13138-45-9</u>	<u>(date of revision)</u>
Nickel hydroxide	12054-48-7	6/12/1996

Table I – continued

Toxic Air Contaminants For Which Potential Carcinogenic Impacts Must Be Calculated^a

COMPOUND	CAS # ^b	Date Added
Nickelocene	1271-28-9	6/12/1996
Nickel oxide	1313-99-1	6/12/1996
Nickel refinery dust from the pyrometallurgical process	1146	6/12/1996
Nickel subsulfide	12035-72-2	6/12/1996
<u>Nickel sulfate</u>	<u>7786-81-4</u>	<i>(date of revision)</i>
p-Nitrosodiphenylamine	156-10-5	6/12/1996
Particulate emissions from diesel-fueled engines	9901	9/15/2000
Perchloroethylene (tetrachloroethylene)	127-18-4	6/12/1996
Polychlorinated biphenyls (PCBs) unspciated mixtures	1336-36-3	6/12/1996
Polychlorinated biphenyls (PCBs) spciated as follows:	N/A	
3,3',4,4'-Tetrachlorobiphenyl	32598-13-3	8/29/2003
3,4,4',5-Tetrachlorobiphenyl	70362-50-4	8/29/2003
2,3,3',4,4'-Pentachlorobiphenyl	32598-14-4	8/29/2003
2,3,4,4',5-Pentachlorobiphenyl	74472-37-0	8/29/2003
2,3',4,4',5-Pentachlorobiphenyl	31508-00-6	8/29/2003
2,3',4,4',5'-Pentachlorobiphenyl	65510-44-3	8/29/2003
3,3',4,4',5-Pentachlorobiphenyl	57465-28-8	8/29/2003
2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4	8/29/2003
2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7	8/29/2003
2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6	8/29/2003
3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6	8/29/2003
2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9	8/29/2003
Polychlorinated dibenzo-p-dioxins (PCDD) as follows:	<u>1085</u> , 1086	6/12/1996
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	6/12/1996
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	6/12/1996
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	6/12/1996
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	6/12/1996
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	6/12/1996
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	6/12/1996
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	6/12/1996
Polychlorinated dibenzofurans (PCDF) as follows:	1080	6/12/1996
2,3,7,8-Tetrachlorodibenzofuran	5120-73-19	6/12/1996
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	6/12/1996
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	6/12/1996
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	6/12/1996
1,2,3,6,7,8- Hexachlorodibenzofuran	57117-44-9	6/12/1996
1,2,3,7,8,9- Hexachlorodibenzofuran	72918-21-9	6/12/1996
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	6/12/1996
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	6/12/1996
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	6/12/1996
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	6/12/1996
Polycyclic aromatic hydrocarbon (PAH) as follows:	<u>1150</u> , 1151	6/12/1996
Benz[a]anthracene	56-55-3	6/12/1996
Benzo[a]pyrene	50-32-8	6/12/1996
Benzo[b]fluoranthene	205-99-2	6/12/1996

Table I - continued

Toxic Air Contaminants For Which Potential Carcinogenic Impacts Must Be Calculated^a

COMPOUND	CAS # ^b	Date Added
Benzo[j]fluoranthene	205-82-3	6/12/1996
Benzo[k]fluoranthene	207-08-9	6/12/1996
Chrysene	218-01-9	6/12/1996
Dibenz[a,h]acridine	226-36-8	6/12/1996
Dibenz[a,j]acridine	224-42-0	6/12/1996
Dibenz[a,h]anthracene	53-70-3	6/12/1996
Dibenzo[a,e]pyrene	192-65-4	6/12/1996
Dibenzo[a,h]pyrene	189-64-0	6/12/1996
Dibenzo[a,i]pyrene	189-55-9	6/12/1996
Dibenzo[a,l]pyrene	191-30-0	6/12/1996
7h-Dibenzo[c,g]carbazole	194-59-2	6/12/1996
7,12-Dimethylbenz[a]anthracene	57-97-6	6/12/1996
1,6-Dinitropyrene	42397-64-8	6/12/1996
1,8-Dinitropyrene	42397-65-9	6/12/1996
Indeno[1,2,3-c,d]pyrene	193-39-5	6/12/1996
3-Methylcholanthrene	56-49-5	6/12/1996
5-Methylchrysene	3697-24-3	6/12/1996
<u>Naphthalene</u>	<u>91-20-3</u>	<u>8/03/2004</u>
5-Nitroacenaphthene	602-87-9	6/12/1996
6-Nitrochrysene	7496-02-8	6/12/1996
2-Nitrofluorene	607-57-8	6/12/1996
1-Nitropyrene	5522-43-0	6/12/1996
4-Nitropyrene	57835-92-4	6/12/1996
1,3-Propane sultone	1120-71-4	1/11/2001
Propylene oxide	75-56-9	6/12/1996
Tertiary butyl-acetate (TBAC)	540-88-5	5/29/2019
1,1,2,2-Tetrachloroethane	79-34-5	1/11/2001
Thioacetamide	62-55-5	6/12/1996
Toluene diisocyanates including, but not limited to:	26471-62-5	1/11/2001
Toluene-2,4-diisocyanate	584-84-9	1/11/2001
Toluene-2,6-diisocyanate	91-08-7	1/11/2001
1,1,2-Trichloroethane (vinyl trichloride)	79-00-5	1/11/2001
Trichlorethylene	79-01-6	6/12/1996
Urethane (ethyl carbamate)	51-79-6	6/12/1996
Vinyl chloride (chloroethylene)	75-01-4	6/12/1996

- a. Unit Risk Values shall be obtained from the CAPCOA Air Toxics Hot Spots Program Risk Assessment Guidelines, October 1993 or any health risk assessment guidelines adopted by the state Office of Environmental Health Hazard Assessment (OEHHA), pursuant to Division 26, Part 6, Chapter 6 of the California Health and Safety Code (SB 1731 program), that replace all or part of such CAPCOA Air Toxics Hot Spots Program Risk Assessment Guidelines, October 1993. Table I was last revised pursuant to Rule 1200(c)(23) and Rule 1210(c)(~~1823~~) on ~~February 26, 2021~~ *(date of revision)*.
- b. Chemical Abstract Service Number (CAS): For chemical groupings and mixtures where a CAS number is not applicable, the 4-digit code used in the Air Toxics “Hot Spots” Emission Inventory Criteria and Guidelines (EICG) Report is listed. For information on the origin and use of the 4-digit code, see the EICG report.

Table II

Toxic Air Contaminants For Which Potential Chronic Noncancer Impacts Must Be Calculated^a

COMPOUND	CAS # ^b	Date Added
Acetaldehyde	75-07-0	6/12/1996
Acrolein	107-02-8	1/11/2001
Acrylonitrile	107-13-1	6/12/1996
Ammonia	7664-41-7	6/12/1996
Arsenic (inorganic) and compounds including, but not limited to:	7440-38-2, 1015 , 1016	6/12/1996
Arsenic acid	7778-39-4	<i>(date of revision)</i>
Arsenic pentoxide	1303-28-2	<i>(date of revision)</i>
Arsenic trioxide	1327-53-3	<i>(date of revision)</i>
Arsine	7784-42-1	6/12/1996
Calcium arsenate	7778-44-1	<i>(date of revision)</i>
Gallium arsenide	1303-00-0	<i>(date of revision)</i>
Benzene	71-43-2	6/12/1996
Beryllium and compounds	7440-41-7, 1021	6/12/1996
Beryllium sulfate	13510-49-1	<i>(date of revision)</i>
Beryllium sulfate (tetrahydrate)	7787-56-6	<i>(date of revision)</i>
Beryllium oxide	1304-56-9	<i>(date of revision)</i>
1-Bromopropane	106-94-5	<i>(date of revision)</i>
1,3-Butadiene	106-99-0	1/11/2001
Cadmium and compounds	7440-43-9, 1045	6/12/1996
Cadmium chloride	10108-64-2	<i>(date of revision)</i>
Cadmium succinate	141-00-4	<i>(date of revision)</i>
Caprolactam	105-60-2	6/16/2014
Carbon disulfide	75-15-0	1/11/2001
Carbon tetrachloride (tetrachloromethane)	56-23-5	6/12/1996
Carbonyl sulfide	463-58-1	7/11/2017
Chlorine	7782-50-5	6/12/1996
Chlorine dioxide	10049-04-4	1/11/2001
Chlorobenzene	108-90-7	6/12/1996
Chloroform	67-66-3	6/12/1996
Chloropicrin	76-06-2	6/12/1996
Chromium (III)	16065-83-1	<i>(date of revision)</i>
Chromium (hexavalent) and compounds including, but not limited to:	18540-29-9	6/12/1996
Barium chromate	10294-40-3	6/12/1996
t-Butyl chromate (VI)	1189-85-1	<i>(date of revision)</i>
Calcium chromate	13765-19-0	6/12/1996
Lead chromate	7758-97-6	6/12/1996
Sodium dichromate	10588-01-9	6/12/1996
Strontium chromate	7789-06-2	6/12/1996
Chromium trioxide (as chromic acid mist)	1333-82-0	3/12/2001
Cresols (mixtures of)	1319-77-3	6/12/1996
m-cresol	108-39-4	6/12/1996
o-cresol	95-48-7	6/12/1996
p-cresol	106-44-5	6/12/1996

Table II – continued

Toxic Air Contaminants For Which Potential Chronic Noncancer Impacts Must Be Calculated^a

COMPOUND	CAS # ^b	Date Added
Cyanide (inorganic)	57-12-5	1/11/2001
<u>Calcium cyanide</u>	<u>592-01-8</u>	<i>(date of revision)</i>
Hydrogen cyanide (hydrocyanic acid)	74-90-8, <u>191234-22-7, 341972-31-4</u>	6/12/1996
<u>Potassium cyanide</u>	<u>151-50-8</u>	<i>(date of revision)</i>
<u>Sodium cyanide</u>	<u>143-33-9</u>	<i>(date of revision)</i>
p-Dichlorobenzene (1,4-dichlorobenzene)	106-46-7	6/12/1996
Diethanolamine	111-42-2	1/14/2002
n,n-Dimethyl formamide	68-12-2	1/11/2001
1,4-Dioxane	123-91-1	6/12/1996
Epichlorohydrin (1-chloro-2,3-epoxypropane)	106-89-8	6/12/1996
1,2-Epoxybutane	106-88-7	1/11/2001
Ethyl benzene	100-41-4	1/11/2001
Ethyl chloride	75-00-3	6/12/1996
Ethylene dibromide (1,2-dibromoethane)	106-93-4	6/12/1996
Ethylene dichloride (1,2-dichloroethane)	107-06-2	6/12/1996
Ethylene glycol	107-21-1	6/12/1996
Ethylene oxide	75-21-8	6/12/1996
Fluorides and compounds	1101	1/11/2001
Hydrogen fluoride (hydrofluoric acid)	7664-39-3	6/12/1996
<u>Modified hydrogen fluoride {MHF}</u>	<u>1141</u>	<i>(date of revision)</i>
<u>Selenium hexafluoride</u>	<u>7783-79-1</u>	<i>(date of revision)</i>
<u>Sodium aluminum fluoride</u>	<u>15096-52-3</u>	<i>(date of revision)</i>
<u>Sodium fluoride</u>	<u>7681-49-4</u>	<i>(date of revision)</i>
Formaldehyde	50-00-0	6/12/1996
Glutaraldehyde	111-30-8	6/12/1996
Glycol Ethers as follows:	N/A	6/12/1996
Ethylene glycol butyl ether - EGBE	111-76-2	7/19/2018
Ethylene glycol ethyl ether - EGEE	110-80-5	6/12/1996
Ethylene glycol ethyl ether acetate - EGEEA	111-15-9	6/12/1996
Ethylene glycol methyl ether - EGME	109-86-4	6/12/1996
Ethylene glycol methyl ether acetate - EGMEA	110-49-6	6/12/1996
1,6-Hexamethylene diisocyanate (monomer)	822-06-0	9/29/2020
n-Hexane	110-54-3	1/11/2001
Hydrazine	302-01-2	6/12/1996
Hydrochloric acid	7647-01-0	6/12/1996
Hydrogen sulfide	7783-06-4	6/12/1996
Isophorone	78-59-1	1/14/2002
Isopropyl alcohol (isopropanol)	67-63-0	1/11/2001
Maleic anhydride	108-31-6	6/12/1996
Manganese <u>and compounds</u>	7439-96-5, <u>1132</u>	6/12/1996
<u>Manganese cyclopentadienyl tricarbonyl</u>	<u>12079-65-1</u>	<i>(date of revision)</i>
<u>2-Methylcyclopentadienyl manganese tricarbonyl</u>	<u>12108-13-3</u>	<i>(date of revision)</i>
Mercury (inorganic) and compounds including, but not limited to:	7439-97-6, <u>1131</u>	6/12/1996
Mercuric chloride	7487-94-7	6/12/1996

Table II – continued

Toxic Air Contaminants For Which Potential Chronic Noncancer Impacts Must Be Calculated^a

COMPOUND	CAS # ^b	Date Added
Methanol	67-56-1	6/12/1996
Methyl bromide (bromomethane)	74-83-9	6/12/1996
Methyl tert-butyl ether	1634-04-4	1/11/2001
Methyl chloroform (1,1,1-TCA)	71-55-6	6/12/1996
Methyl isocyanate	624-83-9	6/12/1996
Methylene chloride (dichloromethane)	75-09-2	6/12/1996
4,4'-Methylene dianiline (and its dichloride)	101-77-9	6/12/1996
Methylene diphenyl diisocyanate (polymeric)	101-68-8	6/12/1996
Naphthalene	91-20-3	6/12/1996
Nickel and compounds including, but not limited to:	7440-02-0	6/12/1996
Nickel acetate	373-02-4	6/12/1996
Nickel carbonate	3333-67-3	6/12/1996
Nickel carbonyl	13463-39-3	6/12/1996
Nickel chloride	7718-54-9	(date of revision)
Nickel hydroxide	12054-48-7	6/12/1996
Nickel nitrate {Nickel (II) nitrate}	13138-45-9	(date of revision)
Nickelocene	1271-28-9	6/12/1996
Nickel oxide	1313-99-1	6/12/1996
Nickel refinery dust from the pyrometallurgical process	1146	6/12/1996
Nickel subsulfide	12035-72-2	6/12/1996
Nickel sulfate	7786-81-4	(date of revision)
Particulate emissions from diesel-fueled engines	9901	9/15/2000
Perchloroethylene (tetrachloroethylene)	127-18-4	6/12/1996
Phenol	108-95-2	6/12/1996
Phosphine	7803-51-2	6/12/1996
Phosphoric acid	7664-38-2	6/12/1996
Phthalic anhydride	85-44-9	6/12/1996
Polychlorinated biphenyls (PCBs) speciated as follows:	N/A	
3,3',4,4'-Tetrachlorobiphenyl	32598-13-3	8/29/2003
3,4,4',5-Tetrachlorobiphenyl	70362-50-4	8/29/2003
2,3,3',4,4'-Pentachlorobiphenyl	32598-14-4	8/29/2003
2,3,4,4',5-Pentachlorobiphenyl	74472-37-0	8/29/2003
2,3',4,4',5-Pentachlorobiphenyl	31508-00-6	8/29/2003
2,3',4,4',5'-Pentachlorobiphenyl	65510-44-3	8/29/2003
3,3',4,4',5-Pentachlorobiphenyl	57465-28-8	8/29/2003
2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4	8/29/2003
2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7	8/29/2003
2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6	8/29/2003
3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6	8/29/2003
2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9	8/29/2003
Polychlorinated dibenzo-p-dioxins (PCDD) as follows:	1085 , 1086	6/12/1996
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	6/12/1996
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	6/12/1996
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	6/12/1996
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	6/12/1996
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	6/12/1996

Table II – continued

Toxic Air Contaminants For Which Potential Chronic Noncancer Impacts Must Be Calculated^a

COMPOUND	CAS # ^b	Date Added
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	6/12/1996
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	6/12/1996
Polychlorinated dibenzofurans (PCDF) as follows:	1080	6/12/1996
2,3,7,8-Tetrachlorodibenzofuran	5120-73-19	6/12/1996
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	6/12/1996
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	6/12/1996
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	6/12/1996
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	6/12/1996
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	6/12/1996
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	6/12/1996
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	6/12/1996
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	6/12/1996
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	6/12/1996
<u>Polycyclic aromatic hydrocarbon (PAH) as follows:</u>	<u>1150, 1151</u>	<u>6/12/1996</u>
<u>Naphthalene</u>	<u>91-20-3</u>	<u>6/12/1996</u>
<u>Polymeric (oligo) hexamethylene-1,6-diisocyanate (HDI)</u>	<u>1221</u>	<u>(date of revision)</u>
<u>Biuret</u>	<u>108-19-0</u>	<u>(date of revision)</u>
<u>Diisocyanurate</u>	<u>1226</u>	<u>(date of revision)</u>
<u>HDI prepolymer</u>	<u>1227</u>	<u>(date of revision)</u>
<u>Isocyanurate</u>	<u>1228</u>	<u>(date of revision)</u>
<u>Uretidione (HDI)</u>	<u>23501-81-7</u>	<u>(date of revision)</u>
Propylene (propene)	115-07-1	1/11/2001
Propylene glycol monomethyl ether	107-98-2	6/12/1996
Propylene oxide	75-56-9	6/12/1996
Selenium including, but not limited to:	7782-49-2	6/12/1996
Selenium sulfide	7446-34-6	6/12/1996
Silica (crystalline, respirable)	1175	10/11/2013
<u>Silica, crystalline (respirable), in the form of cristobalite</u>	<u>14464-46-1</u>	<u>(date of revision)</u>
<u>Silica, crystalline (respirable), in the form of quartz</u>	<u>14808-60-7</u>	<u>(date of revision)</u>
Styrene	100-42-5	6/12/1996
Sulfuric acid	7664-93-9	7/11/2017
Sulfur trioxide	7446-71-9	7/11/2017
Toluene	108-88-3	6/12/1996
Toluene diisocyanates	26471-62-5	6/12/1996
Toluene-2,4-diisocyanate	584-84-9	6/12/1996
Toluene-2,6-diisocyanate	91-08-7	6/12/1996
Trichloroethylene	79-01-6	6/12/1996
Triethylamine	121-44-8	1/11/2001
Vinyl acetate	108-05-4	1/11/2001
Vinylidene chloride	75-35-4	6/12/1996
Xylenes (mixed isomers)	1330-20-7	6/12/1996
m-Xylene	108-38-3	6/12/1996
o-Xylene	95-47-6	6/12/1996
p-Xylene	106-42-3	6/12/1996

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- b. Chemical Abstract Service Number (CAS): For chemical groupings and mixtures where a CAS number is not applicable, the 4-digit code used in the Air Toxics “Hot Spots” Emission Inventory Criteria and Guidelines (EICG) Report is listed. For information on the origin and use of the 4-digit code, see the EICG report.

Table III

Toxic Air Contaminants For Which Potential Acute Noncancer Impacts Must Be Calculated^a

COMPOUND	CAS # ^b	Date Added
Acetaldehyde	75-07-0	1/28/2009
Acrolein	107-02-8	1/11/2001
Acrylic acid	79-10-7	1/11/2001
Ammonia	7664-41-7	6/12/1996
Arsenic (inorganic) and compounds including, but not limited to:	7440-38-2, <u>1015, 1016</u>	6/12/1996
<u>Arsenic acid</u>	<u>7778-39-4</u>	<i>(date of revision)</i>
<u>Arsenic pentoxide</u>	<u>1303-28-2</u>	<i>(date of revision)</i>
<u>Arsenic trioxide</u>	<u>1327-53-3</u>	<i>(date of revision)</i>
Arsine	7784-42-1	6/12/1996
<u>Calcium arsenate</u>	<u>7778-44-1</u>	<i>(date of revision)</i>
<u>Gallium arsenide</u>	<u>1303-00-0</u>	<i>(date of revision)</i>
Benzene	71-43-2	6/12/1996
Benzyl chloride	100-44-7	6/12/1996
<u>1-Bromopropane</u>	<u>106-94-5</u>	<i>(date of revision)</i>
1,3-Butadiene	106-99-0	10/11/2013
Caprolactam	105-60-2	6/16/2014
Carbon disulfide	75-15-0	1/11/2001
Carbon monoxide	630-08-0	1/11/2001
Carbon tetrachloride (tetrachloromethane)	56-23-5	6/12/1996
Carbonyl sulfide	463-58-1	7/11/2017
Chlorine	7782-50-5	6/12/1996
Chloroform	67-66-3	6/12/1996
Chloropicrin	76-06-2	1/11/2001
<u>Chromium (III)</u>	<u>16065-83-1</u>	<i>(date of revision)</i>
Copper and compounds	7440-50-8	6/12/1996
Cyanide (inorganic)	57-12-5, <u>1073</u>	6/12/1996
<u>Calcium cyanide</u>	592-01-8	<i>(date of revision)</i>
Hydrogen cyanide (hydrocyanic acid)	74-90-8, <u>191234-22-7,</u> <u>341972-31-4</u>	6/12/1996
<u>Potassium cyanide</u>	<u>151-50-8</u>	<i>(date of revision)</i>
<u>Sodium cyanide</u>	<u>143-33-9</u>	<i>(date of revision)</i>
1,4-Dioxane (1,4-diethylene dioxide)	123-91-1	6/12/1996
Epichlorohydrin (1-chloro-2,3-epoxypropane)	106-89-8	1/11/2001
Fluorides and Compounds	1101	6/12/1996
Hydrogen fluoride (hydrofluoric acid)	7664-39-3	6/12/1996
<u>Modified hydrogen fluoride {MHF}</u>	<u>1141</u>	<i>(date of revision)</i>
<u>Selenium hexafluoride</u>	<u>7783-79-1</u>	<i>(date of revision)</i>
Formaldehyde	50-00-0	6/12/1996
Glycol ethers as follows:	N/A	6/12/1996
Ethylene glycol butyl ether - EGBE	111-76-2	6/12/1996
Ethylene glycol ethyl ether - EGEE	110-80-5	6/12/1996
Ethylene glycol ethyl ether acetate - EGEEA	111-15-9	6/12/1996
Ethylene glycol methyl ether - EGME	109-86-4	6/12/1996

Table III - continued

Toxic Air Contaminants For Which Potential Acute Noncancer Impacts Must Be Calculated^a

COMPOUND	CAS # ^b	Date Added
1,6-Hexamethylene diisocyanate (monomer)	822-06-0	9/29/2020
Hydrochloric acid (hydrogen chloride)	7647-01-0	6/12/1996
Hydrogen selenide	7783-07-5	6/12/1996
Hydrogen sulfide	7783-06-4	6/12/1996
Isopropyl alcohol (isopropanol)	67-63-0	1/11/2001
Mercury (inorganic) and compounds including, but not limited to:	7439-97-6, 1133	6/12/1996
Mercuric chloride	7487-94-7	6/12/1996
Methanol	67-56-1	1/11/2001
Methyl bromide (bromomethane)	74-83-9	6/12/1996
Methyl chloroform (1,1,1-trichloroethane)	71-55-6	6/12/1996
Methyl ethyl ketone (2-butanone)	78-93-3	1/11/2001
Methylene chloride (dichloromethane)	75-09-2	6/12/1996
Methylene diphenyl diisocyanate (polymeric)	101-68-8	6/14/2016
Nickel and compounds including, but not limited to:	7440-02-0, 1145	6/12/1996
Nickel acetate	373-02-4	6/12/1996
Nickel carbonate	3333-67-3	6/12/1996
Nickel carbonyl	13463-39-3	6/12/1996
Nickel chloride	7718-54-9	<i>(date of revision)</i>
Nickel nitrate {Nickel (II) nitrate}	13138-45-9	<i>(date of revision)</i>
Nickel hydroxide	12054-48-7	6/12/1996
Nickelocene	1271-28-9	6/12/1996
Nickel oxide	1313-99-1	6/12/1996
Nickel refinery dust from the pyrometallurgical process	1146	6/12/1996
Nickel subsulfide	12035-72-2	6/12/1996
Nickel sulfate	7786-81-4	<i>(date of revision)</i>
Nitric acid	7697-37-2	1/11/2001
Nitrogen dioxide	10102-44-0	6/12/1996
Ozone	10028-15-6	6/12/1996
Perchloroethylene (tetrachloroethylene)	127-18-4	6/12/1996
Phenol	108-95-2	1/11/2001
Phosgene	75-44-5	6/12/1996
Polymeric (oligo) hexamethylene-1,6-diisocyanate (HDI)	1221	<i>(date of revision)</i>
Biuret	108-19-0	<i>(date of revision)</i>
Diisocyanurate	1226	<i>(date of revision)</i>
HDI prepolymer	1227	<i>(date of revision)</i>
Isocyanurate	1228	<i>(date of revision)</i>
Uretidione (HDI)	23501-81-7	<i>(date of revision)</i>
Propylene oxide	75-56-9	6/12/1996
Sodium hydroxide	1310-73-2	6/12/1996
Styrene	100-42-5	1/11/2001
Sulfates	9960	6/12/1996

Table III - continued

Toxic Air Contaminants For Which Potential Acute Noncancer Impacts Must Be Calculated^a

Sulfur dioxide	7446-09-5	6/12/1996
Sulfuric acid and oleum	N/A	6/12/1996
Sulfuric acid	7664-93-9	6/12/1996
Sulfur trioxide	7446-71-9	6/12/1996
Oleum	8014-95-7	6/12/1996
Toluene	108-88-3	1/11/2001
Toluene diisocyanates	26471-62-5	6/14/2016
Toluene-2,4-diisocyanate	584-84-9	6/14/2016
Toluene-2,6-diisocyanate	91-08-7	6/14/2016
Triethylamine	121-44-8	1/11/2001
Vanadium (fume or dust)	7440-62-2	1/11/2001
Vanadium pentoxide	1314-62-1	1/11/2001
Vinyl chloride (chloroethylene)	75-01-4	1/11/2001
Xylenes (mixed isomers)	1330-20-7	6/12/1996
m-Xylene	108-38-3	6/12/1996
o-Xylene	95-47-6	6/12/1996
p-Xylene	106-42-3	6/12/1996

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