

APPENDIX C

FACILITY GUIDELINE INDEX (FACILITY "LOOK-UP" TABLE)

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NOTES FOR APPENDIX C

NOTHING IN THIS APPENDIX SHALL BE CONSTRUED AS REQUIRING THAT SOURCE TESTING BE CONDUCTED FOR SUBSTANCES SET FORTH IN THIS APPENDIX. FURTHER, IN CASES WHERE A SUBSTANCE SET FORTH HEREIN IS NOT PRESENT AT A PARTICULAR FACILITY, THE FACILITY OPERATOR SHALL NOT ATTEMPT TO QUANTIFY THE EMISSIONS OF SUCH SUBSTANCE, BUT SHALL PROVIDE ADEQUATE DOCUMENTATION TO DEMONSTRATE TO THE DISTRICT THAT THE POSSIBLE PRESENCE OF THE SUBSTANCE AT THE FACILITY HAS BEEN ADDRESSED AND THAT THERE ARE NO EMISSIONS OF THE SUBSTANCE FOR SPECIFIED REASONS.

Substances emitted by a particular device or process may not be limited to those listed in this Facility Guideline Index.

THIS APPENDIX IS NOT AN EXHAUSTIVE LIST. ALL FACILITIES ARE RESPONSIBLE FOR IDENTIFYING AND ACCOUNTING FOR ANY LISTED SUBSTANCE USED, MANUFACTURED, FORMULATED, OR RELEASED.

This Facility Guideline Index is arranged in alphabetical order. The first part of the index, Appendix C-I, lists devices common to many industries and the second part of the index, Appendix C-II, lists industry types. Extensive cross-referencing has been incorporated into the index, particularly in Appendix C-II, to identify industries and processes known by alternative names. It may be necessary to consult alternate names to locate a given industry type. Furthermore, more than one industry type may apply to a given facility.

Sample SIC codes have been provided for some industry sectors in Appendix C-II to assist facilities in locating the list(s) of substances likely to be emitted by their industry. These SIC codes are not intended to be exhaustive.

(1) The following substance abbreviations are used throughout the index:

ADONA	=	4,8-dioxa-3H-perfluorononanoate (ADONA) and its Ammonium salt
ATE	=	Allyl 2,4,6-tribromophenyl ether
CFC-113	=	Chlorinated fluorocarbon
D4	=	Octamethylcyclotetrasiloxane
D5	=	Decamethylcyclopentasiloxane, Decamethyl-1,3,5,7,9,2,4,6,8,10-pentaoxapentasiloxane
D6	=	Dodecamethylcyclohexasiloxane
2,4-D	=	Dichlorophenoxyacetic acid
Diesel engine PM	=	Diesel engine exhaust particulate matter
Diesel engine TOG	=	Diesel engine exhaust total organic gas
EDB	=	Ethylene dibromide
EDC	=	Ethylene dichloride
EGDMA	=	Ethylene glycol dimethacrylate
EPTC	=	Ethyl dipropylthiocarbamate
ETBE	=	Ethyl-tert-butyl ether
ETO	=	Ethylene oxide
MelQ	=	2-Amino-3,4-dimethylimidazo[4,5-f]quinoline
MelQx	=	2-Amino-3,8-dimethylimidazo[4,5-f]quinoxaline
MHF	=	Modified Hydrogen fluoride
MIBK	=	Methyl isobutyl ketone, Hexone
MOCA	=	4,4'-Methylene bis(2-chloroaniline)
MTBE	=	Methyl tert-butyl ether
PCBTf	=	1-Chloro-4-(trifluoromethyl)benzene, 4-Chlorobenzotrifluoride
PFOS	=	Perfluorooctanesulfonate
PFOA	=	Perfluorooctanoic acid
PBBs	=	Polybrominated biphenyls
PCBs	=	Polychlorinated biphenyls
PAHs	=	Polycyclic aromatic hydrocarbons
POM	=	Polycyclic organic matter
1,1,1-TCA	=	1,1,1-Trichloroethane, Methyl chloroform
1,1,2-TCA	=	1,1,2-Trichloroethane, Vinyl trichloride
TCE	=	Trichloroethylene
delta-9-THC	=	delta-9-Tetrahydrocannabinol

(2) Bisphenol-related chemicals refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
80057	Bisphenol A
1675543	Bisphenol A diglycidyl ether
1478611	Bisphenol AF
77407	Bisphenol B
620928	Bisphenol F
2095036	Bisphenol F diglycidyl ether
80091	Bisphenol S
41481667	4,4'-Sulfonylbis[2-(2-propen-1-yl)phenol]

(3) Boron trifluoride complexes refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
7637072	Boron trifluoride
13319750	Boron trifluoride dihydrate
109637, 353424	Boron trifluoride ethers

(4) Chlorobenzenes refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
108907	Chlorobenzene
25321226	Dichlorobenzenes (mixed isomers)
95501	1,2-Dichlorobenzene
541731	1,3-Dichlorobenzene
106467	1,4-Dichlorobenzene
118741	Hexachlorobenzene
12408105	Tetrachlorobenzene (mixed isomers)
634662	1,2,3,4-Tetrachlorobenzene
95943	1,2,4,5-Tetrachlorobenzene
87616	1,2,3-Trichlorobenzene
120821	1,2,4-Trichlorobenzene

(5) Chlorophenols refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
95578	2-Chlorophenol
108430	3-Chlorophenol
106489	4-Chlorophenol
120832	2,4-Dichlorophenol
583788	2,5-Dichlorophenol
87865	Pentachlorophenol
25167833	Tetrachlorophenols
58902	2,3,4,6-Tetrachlorophenol
95954	2,4,5-Trichlorophenol
136323	2,4,5-Trichlorophenol sodium salt
88062	2,4,6-Trichlorophenol
3380345	Triclosan

(6) Chromium hexavalent refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
10294403	Barium chromate
13765190	Calcium chromate
1333820	Chromium trioxide
7758976	Lead chromate
10588019	Sodium dichromate
7789062	Strontium chromate

(7) Cobalt compounds refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
1216	Cobalt compounds, insoluble
513791	Cobalt carbonate
10210681	Cobalt carbonyl
21041930	Cobalt hydroxide
814891	Cobalt oxalate
1307966	Cobalt [II] oxide

Emittent ID/CAS Number	Substance Name
1308061	Cobalt [III] oxide
1317426	Cobalt sulfide
1217	Cobalt sulfate and other soluble cobalt compounds
71487	Cobalt acetate (tetrahydrate)
7646799	Cobalt chloride (hexahydrate)
16842038	Cobalt hydrocarbonyl
10141056	Cobalt nitrate (hexahydrate)
136527	Cobalt octoate
10124433	Cobalt sulfate
10026241	Cobalt sulfate (heptahydrate)

(8) Cresols refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
108394	m-Cresol
95487	o-Cresol
106445	p-Cresol

(9) Cyanide compounds (inorganic) refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
420042	Cyanamide
74908, 341972314, 191234227	Hydrogen cyanide
592018	Calcium cyanide
151508	Potassium cyanide
143339	Sodium cyanide

(10) Cyclosiloxanes refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
541026	Decamethylcyclopentasiloxane (D5)
540976	Dodecamethylcyclohexasiloxane (D6)
556672	Octamethylcyclotetrasiloxane (D4)

(11) Dialkylnitrosamines refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
924163	N-Nitrosodi-n-butylamine
1116547	N-Nitrosodiethanolamine
55185	N-Nitrosodiethylamine
62759	N-Nitrosodimethylamine
621647	N-Nitrosodi-n-propylamine
10595956	N-Nitrosomethylethylamine
7068839	N-Nitrosomethyl-n-butylamine
75881220	N-Nitrosomethyl-n-decylamine
55090443	N-Nitrosomethyl-n-dodecylamine
16338991	N-Nitrosomethyl-n-heptylamine
28538707	N-Nitrosomethyl-n-hexylamine
75881195	N-Nitrosomethyl-n-nonylamine
34423546	N-Nitrosomethyl-n-octylamine
13256070	N-Nitrosomethyl-n-pentylamine
924469	N-Nitrosomethyl-n-propylamine
75881208	N-Nitrosomethyl-n-tetradecylamine
68107266	N-Nitrosomethyl-n-undecylamine

(12) 2,4-D and salts/esters refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
94757	2,4-Dichlorophenoxyacetic acid
2702729	2,4-Dichlorophenoxyacetic acid salt
5742198	2,4-Dichlorophenoxyacetic acid diethanolamine salt
2008391	2,4-Dichlorophenoxyacetic acid dimethylamine salt
5742176	2,4-Dichlorophenoxyacetic acid isopropylamine salt
32341803	2,4-Dichlorophenoxyacetic acid isopropanolamine salt
1929733	2,4-Dichlorophenoxyacetic acid butoxyethyl ester
94804	2,4-Dichlorophenoxyacetic acid butyl ester
1928434	2,4-Dichlorophenoxyacetic acid 2-ethylhexyl ester
94111	2,4-Dichlorophenoxyacetic acid isopropyl ester

Emittent ID/CAS Number	Substance Name
25168267	2,4-Dichlorophenoxyacetic acid isooctyl ester
1048373723	2,4-Dichlorophenoxyacetic acid choline salt

(13) Dioxins refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin
40321764	1,2,3,7,8-Pentachlorodibenzo-p-dioxin
39227286	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin
57653857	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin
19408743	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin
35822469	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin
3268879	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin
41903575	Total Tetrachlorodibenzo-p-dioxin
36088229	Total Pentachlorodibenzo-p-dioxin
34465468	Total Hexachlorodibenzo-p-dioxin
37871004	Total Heptachlorodibenzo-p-dioxin

(14) Epoxy resins refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
1092	Epikote ®
68038324	Epikote 1055
1093	Epon ®
25068386	Resin 828

(15) Flame retardants refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
3278895	Allyl 2,4,6-tribromophenyl ether
225789388	Aluminum diethyl phosphinate
3296900	2,2-Bis(bromomethyl)-1,3-propanediol
38051104	2,2-Bis(chloromethyl)trimethylene bis[bis(2-chloroethyl)phosphate]
26040517	Bis(2-ethyl-1-hexyl)tetrabromophthalate

Emittent ID/CAS Number	Substance Name
13560899	Bis(hexachlorocyclopentadieno)cyclooctane
5945335	Bisphenol A bis(diphenyl phosphate)
37853591	1,2-Bis(2,4,6-tribromophenoxy)ethane
1042	Brominated polystyrenes
99717563	2-Bromoallyl 2,4,6-tribromophenyl ether
115286	Chlorendic acid
108171262	Chlorinated paraffins
84852539	Decabromodiphenyl ethane
1163195	Decabromodiphenyl ether
3322938	1,2-Dibromo-4-(1,2-dibromoethyl)cyclohexane
615587	2,4-Dibromophenol
35109605	2,3-Dibromopropyl-2,4,6-tribromophenyl ether
1119400	Dimethyl glutarate
756796	Dimethyl methylphosphonate
183658277	2-Ethyl-1-hexyl-2,3,4,5-tetrabromobenzoate
860302336	Firemaster® 550
87821	Hexabromobenzene
59080409	2,2',4,4',5,5'-Hexabromobiphenyl
36355018	Hexabromobiphenyls
67774327	Hexabromobiphenyl mixture including Firemaster FF-1
25637994	Hexabromocyclododecane
51936551	Hexachlorocyclopentadienyl-dibromocyclooctane
20566352, 203210699, 1150314503, 1429904277	2-Hydroxypropyl 2-(2-hydroxyethyl)ethyl tetrabromophthalate
1121	Isobutoxypentabromocyclododecanes
155613937	Octabromotrimethylphenylindane
85223	Pentabromoethylbenzene
608719	Pentabromophenol
87832	Pentabromotoluene
2222	Polybrominated diphenyl ethers
57583547	Resorcinol bis(diphenylphosphate)

Emittent ID/CAS Number	Substance Name
42757551	1,1'-Sulfonylbis[3,5-dibromo-4-(2,3-dibromopropoxy) benzene]
79947	Tetrabromobisphenol A
21850442	Tetrabromobisphenol A bis(2,3-dibromopropyl) ether
4162452	Tetrabromobisphenol A bis(2-hydroxyethyl) ether
25327893, 37769316	Tetrabromobisphenol A diallyl ether
77098078, 75790691	Tetrabromophthalic acid, mixed esters
23488382	2,3,5,6-Tetrabromo-p-xylene
36483575	Tribromoneopentylalcohol
118796	2,4,6-Tribromophenol
1330785	Tricresyl phosphate
126738	Tri-n-butyl phosphate
115866	Triphenyl phosphate
115968	Tris(2-chloroethyl) phosphate
13674845, 1689320, 98112324	Tris(1-chloro-2-propyl)phosphate
52434909	Tris(2,3-dibromopropyl) isocyanurate
126727	Tris(2,3-dibromopropyl) phosphate
13674878	Tris(1,3-dichloro-2-propyl) phosphate
78433	Tris(2,3-dichloro-1-propyl) phosphate
19186971	Tris(tribromoneopentyl)phosphate
25713604, 56362017, 157971545, 136991021	2,4,6-Tris(2,4,6-tribromophenoxy)-1,3,5-triazine

(16) Fluorocarbons (Chlorinated) refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
76131	CFC-113
75456	Chlorodifluoromethane
75718	Dichlorodifluoromethane
75434	Dichlorofluoromethane
75694	Trichlorofluoromethane
102687650	trans-1-Chloro-3,3,3-trifluoropropene

Emittent ID/CAS Number	Substance Name
1645836	trans-1,3,3,3-Tetrafluoropropylene

(17) Fusarium refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
116355830	Fumonisin B1
116355841	Fumonisin B2
79748815	Fusarin C

(18) Glycol ethers and their acetates refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
111466	Diethylene glycol
112732	Diethylene glycol dibutyl ether
111966	Diethylene glycol dimethyl ether
112345	Diethylene glycol monobutyl ether
124174	Diethylene glycol monobutyl ether acetate
111900	Diethylene glycol monoethyl ether
112152	Diethylene glycol monoethyl ether acetate
112594	Diethylene glycol monohexyl ether
111773	Diethylene glycol monomethyl ether
629389	Diethylene glycol monomethyl ether acetate
25265718	Dipropylene glycol
34590948	Dipropylene glycol monomethyl ether
111557	Ethylene glycol diacetate
112481	Ethylene glycol dibutyl ether
629141	Ethylene glycol diethyl ether
97905	Ethylene glycol dimethacrylate
110714	Ethylene glycol dimethyl ether
542596	Ethylene glycol monoacetate
111762	Ethylene glycol monobutyl ether
112072	Ethylene glycol monobutyl ether acetate
110805	Ethylene glycol monoethyl ether

Emittent ID/CAS Number	Substance Name
111159	Ethylene glycol monoethyl ether acetate
112254	Ethylene glycol monoethyl ether
109864	Ethylene glycol monomethyl ether
110496	Ethylene glycol monomethyl ether acetate
10020436	Ethylene glycol monoethyl ether
122996	Ethylene glycol monophenyl ether
2807309	Ethylene glycol monopropyl ether
57018527	Propylene glycol t-butyl ether
107982	Propylene glycol monomethyl ether
108656	Propylene glycol monomethyl ether acetate
112492	Triethylene glycol dimethyl ether
112505	Triethylene glycol monoethyl ether
112356	Triethylene glycol monomethyl ether

(19) Hexachlorocyclohexanes refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
319846	alpha-Hexachlorocyclohexane
319857	beta-Hexachlorocyclohexane
58899	Lindane

(20) Isocyanates refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
1218	Amino isocyanates
1223	1,6-Hexamethylene amino isocyanate
1224	4,4-Methylenebisphenyl amino isocyanate
99626876	2,4-Toluene amino isocyanate
22683712	2,6-Toluene amino isocyanate
99626887	4,2-Toluene amino isocyanate
1219	Diisocyanates
91930	3,3'-Dimethoxybenzidine-4,4'-diisocyanate
822060	1,6-Hexamethylene diisocyanate

Emittent ID/CAS Number	Substance Name
4098719	Isophorone diisocyanate
1225	Isophorone diisocyanate isomers
101688	Methylene diphenyl diisocyanate
3173726	1,5-Naphthalene diisocyanate
1220	Mono isocyanates
109900	Ethyl isocyanate
624839	Methyl isocyanate
110781	Propyl isocyanate
103719	Phenyl isocyanate
1221	Polymeric HDI and prepolymers
108190	Biuret
1226	Diisocyanurate
1227	HDI Prepolymer
1228	Isocyanurate
23501817	Uretdione (HDI)
26471625	Toluene diisocyanates
584849	Toluene-2,4-diisocyanate
91087	Toluene-2,6-diisocyanate

(21) Mineral fibers (manmade) refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
1056	Ceramic fibers
1111	Glasswool fibers
1168	Rockwool
1181	Slagwool

(22) Mineral fibers (asbestos and related) refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
1332214	Asbestos
77536664	Actinolite
12172735	Amosite

Emittent ID/CAS Number	Substance Name
77536675	Anthophyllite
12001295	Chrysotile
12001284	Crocidolite
77536686	Tremolite
12510428, 66733219	Erionite
1106	Fluoro-edenite fibrous amphibole
1190	Talc containing asbestiform fibers

(23) Nickel compounds refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
373024	Nickel acetate
3333673	Nickel carbonate
13463393	Nickel carbonyl
7718549	Nickel chloride
12054487	Nickel hydroxide
13138459	Nickel nitrate
1271289	Nickelocene
1313991	Nickel oxide
12035722	Nickel subsulfide
7786814	Nickel sulfate
1146	Nickel refinery dust

(24) Nitrosamines refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
1075	Dialkylnitrosamines
64091914	4-(N-nitrosomethylamino)-1-(3-pyridyl)-1-butanone (NNK)
70257	N-Methyl N'-nitro-N-nitrosoguanidine
156105	p-Nitrosodiphenylamine
924163	N-Nitrosodi-n-butylamine
1116547	N-Nitrosodiethanolamine
55185	N-Nitrosodiethylamine

Emittent ID/CAS Number	Substance Name
62759	N-Nitrosodimethylamine
621647	N-Nitrosodi-n-propylamine
759739	N-Nitroso-N-ethylurea
10595956	N-Nitrosomethylethylamine
615532	N-Nitroso-N-methylurethane
4549400	N-Nitrosomethylvinylamine
684935	N-Nitroso-N-methylurea
59892	N-Nitrosomorpholine
16543558	N-Nitrososarcosine
100754	N-Nitrosopiperidine
930552	N-Nitrosopyrrolidine
13256229	N-Nitrososarcosine

(25) Nitrotoluenes refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
88722	2-Nitrotoluene
99081	3-Nitrotoluene
99990	4-Nitrotoluene
25321146	Dinitrotoluenes (mixed isomers)
121142	2,4-Dinitrotoluene
1326416	2,4-Dinitrotoluene, sulfurized
606202	2,6-Dinitrotoluene
618859	3,5-Dinitrotoluene
118967	2,4,6-Trinitrotoluene

(26) Nonylphenol ethoxylates refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
27986363	2-(Nonylphenoxy)ethanol
20427843	2-[2-(4-Nonylphenoxy)ethoxy]ethanol
27176938	2-[2-(Nonylphenoxy)ethoxy]ethanol

(27) Parabens refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
94268	Butylparaben
120478	Ethylparaben
99763	Methylparaben
94133	n-Propylparaben

(28) PAH/PAH-derivatives/POM from combustion refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
84651	Anthraquinone
2498660	Benz[a]anthracene-7,12-dione
82053	Benanthrone
194592	7H-Dibenzo[c,g]carbazole
105735715	3,7-Dinitrofluoranthene
22506532	3,9-Dinitrofluoranthene
75321209	1,3-Dinitropyrene
42397648	1,6-Dinitropyrene
42397659	1,8-Dinitropyrene
602879	5-Nitroacenaphthene
3586694	2-Nitroanthracene
20268513	7-Nitrobenz[a]anthracene
17117349	3-Nitrobenzanthrone
63041907	6-Nitrobenzo[a]pyrene
7496028	6-Nitrochrysene
892217	3-Nitrofluoranthene
607578	2-Nitrofluorene
86577	1-Nitronaphthalene {Nitrol}
581895	2-Nitronaphthalene
17024190	3-Nitrophenanthrene
954461	9-Nitrophenanthrene
5522430	1-Nitropyrene
789071	2-Nitropyrene

Emittent ID/CAS Number	Substance Name
57835924	4-Nitropyrene
1151	PAHs, total, without individual components reported
1150	PAHs, total, with individual components also reported
83329	Acenaphthene
208968	Acenaphthylene {Cyclopenta[cd]naphthalene}
191264	Anthanthrene {Dibenzo[cd,jk]pyrene}
120127	Anthracene
202335	Benz[j]aceanthrylene
56553	Benz[a]anthracene
214175	Benzo[b]chrysene
203338	Benzo[a]fluoranthene
205992	Benzo[b]fluoranthene
203123	Benzo[g,h,i]fluoranthene
205823	Benzo[j]fluoranthene
207089	Benzo[k]fluoranthene
205129	Benzo[c]fluorene
191242	Benzo[g,h,i]perylene
195197	Benzo[c]phenanthrene
50328	Benzo[a]pyrene
192972	Benzo[e]pyrene
218019	Chrysene
191071	Coronene
215587	Dibenz[a,c]anthracene
53703	Dibenz[a,h]anthracene
224419	Dibenz[a,j]anthracene
192654	Dibenzo[a,e]pyrene
189640	Dibenzo[a,h]pyrene
189559	Dibenzo[a,i]pyrene
191300	Dibenzo[a,l]pyrene
192518	Dibenzo[e,l]pyrene
206440	Fluoranthene

Emittent ID/CAS Number	Substance Name
86737	Fluorene
193395	Indeno[1,2,3-cd]pyrene
91203	Naphthalene
198550	Perylene
85018	Phenanthrene
129000	Pyrene
57976	7,12-Dimethylbenz[a]anthracene
573988	1,2-Dimethylnaphthalene
575439	1,6-Dimethylnaphthalene
581420	2,6-Dimethylnaphthalene
483874	1,7-Dimethylphenanthrene
26914181	Methylantracene
613127	2-Methylantracene
779022	9-Methylantracene
2422799	12-Methylbenz(a)anthracene
65357699	Methylbenzopyrene
56495	3-Methylcholanthrene
41637905	Methylchrysene
3351313	3-Methylchrysene
3697243	5-Methylchrysene
1705857	6-Methylchrysene
25889605	1-Methylfluoranthene
1706010	3-Methylfluoranthene
90120	1-Methylnaphthalene
91576	2-Methyl naphthalene 2-Methylnaphthalene
832699	1-Methylphenanthrene
2531842	2-Methylphenanthrene
832713	3-Methylphenanthrene
883205	9-Methylphenanthrene
2381217	1-Methylpyrene
3353126	4-Methylpyrene

Emittent ID/CAS Number	Substance Name
483658	Retene
2245387	2,3,5-Trimethylnaphthalene
1155	PBBs (Polybrominated biphenyls)
13654096	Decabromobiphenyl
61288139	Octabromobiphenyl
59536651	PBBs (mixed) including but not limited to Firemaster® BP-6
4707715	9-Phenanthrenecarboxaldehyde
90471	Xanthone

(29) PAHs and PAH-related compounds refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
83329	Acenaphthene
208968	Acenaphthylene
81492	1-Amino-2,4-dibromoanthraquinone
191264	Anthanthrene
120127	Anthracene
90640805	Anthracene oil
90640816	Anthracene oil, anthracene paste
91995152	Anthracene oil, anthracene paste, anthracene fraction
91995174	Anthracene oil, anthracene paste, distillation lights
90640827	Anthracene oil, anthracene-low
84651	Anthraquinone
56553	Benz[a]anthracene
2498660	Benz[a]anthracene-7,12-dione
82053	Benzanthrone
202335	Benz[j]aceanthrylene
214175	Benzo[b]chrysene
203338	Benzo(a)fluoranthene
205992	Benzo[b]fluoranthene
203123	Benzo[g,h,i]fluoranthene
205823	Benzo[j]fluoranthene

Emittent ID/CAS Number	Substance Name
207089	Benzo[k]fluoranthene
205129	Benzo[c]fluorene
191242	Benzo[g,h,i]perylene
195197	Benzo[c]phenanthrene
50328	Benzo[a]pyrene
192972	Benzo[e]pyrene
86748	Carbazole
91587	2-Chloronaphthalene
218019	Chrysene
8007452	Coal tars
191071	Coronene
215587	Dibenz[a,c]anthracene
53703	Dibenz[a,h]anthracene
224419	Dibenz[a,j]anthracene
192654	Dibenzo[a,e]pyrene
189640	Dibenzo[a,h]pyrene
189559	Dibenzo[a,i]pyrene
191300	Dibenzo[a,l]pyrene
192518	Dibenzo[e,l]pyrene
573988	1,2-Dimethylnaphthalene
575439	1,6-Dimethylnaphthalene
581420	2,6-Dimethylnaphthalene
483874	1,7-Dimethylphenanthrene
206440	Fluoranthene
86737	Fluorene
486259	Fluorenone
193395	Indeno[1,2,3-cd]pyrene
613127	2-Methylanthracene
779022	9-Methylanthracene
2422799	12-Methylbenz(a)anthracene
65357699	Methylbenzopyrene

Emittent ID/CAS Number	Substance Name
3351313	3-Methylchrysene
1705857	6-Methylchrysene
25889605	1-Methylfluoranthene
1706010	3-Methylfluoranthene
91576	2-Methylnaphthalene
832699	1-Methylphenanthrene
2531842	2-Methylphenanthrene
832713	3-Methylphenanthrene
883205	9-Methylphenanthrene
2381217	1-Methylpyrene
3353126	4-Methylpyrene
66773	1-Naphthaldehyde
91203	Naphthalene
2243621	1,5-Naphthalenediamine
3586694	2-Nitroanthracene
20268513	7-Nitrobenz[a]anthracene
17117349	3-Nitrobenzanthrone
63041907	6-Nitrobenzo[a]pyrene
892217	3-Nitrofluoranthene
86577	1-Nitronaphthalene
581895	2-Nitronaphthalene
17024190	3-Nitrophenanthrene
954461	9-Nitrophenanthrene
789071	2-Nitropyrene
198550	Perylene
85018	Phenanthrene
4707715	9-Phenanthrenecarboxaldehyde
129000	Pyrene
483658	Retene
2245387	2,3,5-Trimethylnaphthalene
90471	Xanthone

(30) PBBs refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
13654096	Decabromobiphenyl
59080409	2,2',4,4',5,5'-Hexabromobiphenyl
67774327	Hexabromobiphenyl mixture including Firemaster FF-1
61288139	Octabromobiphenyl
59536651	PBBs (mixed) including but not limited to Firemaster® BP-6

(31) Perfluoro and polyfluoro compounds refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
68391082	Alcohols, C8-14, gamma-omega-perfluoro
97659477	Alkenes, C8-14 alpha-, delta-omega-perfluoro
68188125	Alkyl iodides, C4-20, gamma-omega-perfluoro
958445448	Ammonium 4,8-dioxa-3H-perfluorononanoate
67906427	Ammonium perfluorodecylsulfonate
3825261	Ammonium perfluorooctanoate
29081569	Ammonium perfluorooctylsulfonate
68515628	1,4-Benzenedicarboxylic acid, dimethyl ester, reaction products with bis(2-hydroxyethyl)terephthalate, ethylene glycol, alpha-fluoro-omega-(2-hydroxyethyl)poly(difluoromethylene), hexakis(methoxymethyl)melamine and polyethylene glycol
40143779	Bis(perfluorohexyl)phosphinic acid
68187257	Butanoic acid, 4-[[3-(dimethylamino)propyl]amino]-4-oxo-, 2(or 3)-[(gamma-omega-perfluoro-C6-20-alkyl)thio] derivatives
383073	N-Butylperfluorooctanesulphonamido ethyl acrylate
2263094	N-Butylperfluorooctanesulphonamido ethyl alcohol
756426581	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
763051929	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
83329899	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonate (potassium or other salts)
68141026	Chromium (III) perfluorooctanoate
67584423	Cyclohexanesulfonic acid, decafluoro(pentafluoroethyl)-, potassium salt
68156070	Cyclohexanesulfonic acid, decafluoro(trifluoromethyl)-, potassium salt
68156014	Cyclohexanesulfonic acid, nonafluorobis(trifluoromethyl)-, potassium salt
67584423	Decafluoro-4-(pentafluoroethyl)cyclohexanesulfonate
919005144	4,8-Dioxa-3H-perfluorononanoic acid
118400718	Disulfides, bis(gamma-omega-perfluoro-C6-20-alkyl)

Emittent ID/CAS Number	Substance Name
27619916	1-Dodecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-
65636353	Ethanaminium, N,N-diethyl-N-methyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]-, methyl sulfate, polymer with 2-ethylhexyl 2-methyl-2-propenoate, alpha-fluoro-omega-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and N-(hydroxymethyl)-2-propenamide
182176529	Ethaneperoxoic acid, reaction products with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl thiocyanate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl thiocyanate
65530645	Ethanol, 2,2'-iminobis-, compound with alpha,alpha'-[phosphinicobis(oxy-2,1-ethanediyl)]bis[omega-fluoropoly(difluoromethylene)] (1:1)
65530747	Ethanol, 2,2'-iminobis-, compound with alpha-fluoro-omega-[2-(phosphonooxy)ethyl]poly(difluoromethylene) (1:1)
65530634	Ethanol, 2,2'-iminobis-, compound with alpha-fluoro-omega-[2-(phosphonooxy)ethyl]poly(difluoromethylene) (2:1)
61660126	N-Ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-[3-(trimethoxysilyl)propyl]-1-octanesulfonamide
67969691	N-Ethyl-N-(2-hydroxyethyl)perfluorooctanesulfonamide phosphate monoester diammonium salt
2991506	2-(N-Ethyl-perfluorooctanesulfonamido)acetic acid
423825	2-(N-Ethylperfluorooctanesulfonamido)ethyl acrylate
1691992	N-Ethylperfluorooctanesulfonamidoethyl alcohol
376147	N-Ethylperfluorooctylsulfonamidoethyl methacrylate
29117086	N-Ethyl-N-polyoxyethylene-perfluorooctanesulfonamide
72623779	Fatty acids, C6-18, perfluoro, ammonium salts
72968388	Fatty acids, C7-13, perfluoro, ammonium salts
178535234	Fatty acids, linseed-oil, gamma-omega-perfluoro-C8-14-alkyl esters
37858030	6:2 Fluorotelomer acetate
37858041	8:2 Fluorotelomer acetate
37858052	10:2 Fluorotelomer acetate
17527296	6:2 Fluorotelomer acrylate
27905459	8:2 Fluorotelomer acrylate
17741605	10:2 Fluorotelomer acrylate
647427	6:2 Fluorotelomer alcohol
678397	8:2 Fluorotelomer alcohol
865861	10:2 Fluorotelomer alcohol
356025	3:3 Fluorotelomer carboxylic acid
914637493	5:3 Fluorotelomer carboxylic acid
53826123	6:2 Fluorotelomer carboxylic acid
812704	7:3 Fluorotelomer carboxylic acid
27854315	8:2 Fluorotelomer carboxylic acid

Emittent ID/CAS Number	Substance Name
53826134	10:2 Fluorotelomer carboxylic acid
57677959	6:2 Fluorotelomer phosphate diester
943913153	6:2/8:2 Fluorotelomer phosphate diester
678411	8:2 Fluorotelomer phosphate diester
57678010	6:2 Fluorotelomer phosphate monoester
57678032	8:2 Fluorotelomer phosphate monoester
425670753	6:2 Fluorotelomer sulfonate
481071787	8:2 Fluorotelomer sulfonate
757124724	4:2 Fluorotelomer sulfonic acid
27619972	6:2 Fluorotelomer sulfonic acid
39108344	8:2 Fluorotelomer sulfonic acid
120226600	10:2 Fluorotelomer sulfonic acid
70887886	6:2 Fluorotelomer unsaturated carboxylic acid
70887842	8:2 Fluorotelomer unsaturated carboxylic acid
70887944	10:2 Fluorotelomer unsaturated carboxylic acid
67584627	Glycine, N-ethyl-N-[(pentadecafluoroheptyl)sulfonyl]-, potassium salt
67584536	Glycine, N-ethyl-N-[(tridecafluorohexyl)sulfonyl]-, potassium salt
67584525	Glycine, N-ethyl-N-[(undecafluoropentyl)sulfonyl]-, potassium salt
55910106	Glycine, N-[(heptadecafluorooctyl)sulfonyl]-N-propyl-, potassium salt
2355319	N-(Heptadecafluorooctylsulfonyl)-N-methylglycine
61798683	N-Heptadecafluoro-1,1,2,2-tetrahydrodecylpyridinium tosylate
68957620	1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-
68555760	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-N-methyl-
68259074	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, ammonium salt
70225159	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, compound with 2,2'-iminobis[ethanol] (1:1)
13252136, 62037803	Hexafluoropropylene oxide dimer acid and its ammonium salt
135228603	Hexane, 1,6-diisocyanato-, homopolymer, gamma-omega-perfluoro-C6-20-alc.-blocked
68555759	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-
68259085	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, ammonium salt
70225160	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compound with 2,2'-iminobis[ethanol] (1:1)
2043530	1-Iodo-2-(perfluorooctyl)ethane

Emittent ID/CAS Number	Substance Name
29457725	Lithium (perfluorooctane)sulfonate
376272	Methyl perfluorooctanoate
24448097	N-Methylperfluorooctanesulfonamidoethanol
25268773	N-Methylperfluorooctanesulfonamidoethyl acrylate
151772586	Nonafluoro-3,6-dioxaheptanoic acid
17202414	1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-, ammonium salt
178094694	1-Octanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, potassium salt
70225148	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, compound with 2,2'-iminobis[ethanol] (1:1)
68555748	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(2-hydroxyethyl)-N-methyl-
68259096	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, ammonium salt
70225171	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, compound with 2,2'-iminobis[ethanol] (1:1)
71608601	Pentanoic acid, 4,4-bis[(gamma-omega-perfluoro-C8-20-alkyl)thio] derivatives
1152	Perfluorobutane sulfonate (and salts)
375735	Perfluorobutane sulfonic acid
375224	Perfluorobutanoic acid
126105348	Perfluorodecane sulfonate
335773	Perfluorodecane sulfonic acid
39108344	1H,1H,2H,2H-Perfluorodecane sulfonic acid
335762	Perfluorodecanoic acid
812704	2H,2H,3H,3H-Perfluorodecanoic acid
2043541	Perfluorodecylethyl iodide
2144549	Perfluorodecylethyl methacrylate
52299260	Perfluorodecylphosphonic acid
79780395	Perfluorododecane sulfonate
120226600	1H,1H,2H,2H-Perfluorododecane sulfonate
1260224541	Perfluoro-1-dodecanesulfonate, sodium salt
70887842	2H-perfluoro-2-decenoic acid
53826134	2-perfluorodecyl ethanoic acid
307551	Perfluorododecanoic acid
39239775	Perfluorododecylethanol
113507827	Perfluoro(2-ethoxyethane) sulfonic acid

Emittent ID/CAS Number	Substance Name
646833	Perfluoroethylcyclohexane sulfonic acid
60270555	Perfluoroheptane sulfonate
375928	Perfluoroheptane sulfonic acid
335717	Perfluoroheptanesulfonyl fluoride
375859	Perfluoroheptanoic acid
67905195	Perfluorohexadecanoic acid
65104678	2-(Perfluorohexadecyl)ethanol
355464	Perfluorohexane sulfonic acid/sulfonate
757124724	1H,1H,2H,2H-Perfluorohexane sulfonic acid
356025	2H,2H,3H,3H-Perfluorohexanoic acid
307244	Perfluorohexanoic acid
53826123	2-perfluorohexyl ethanoic acid
1996889	2-Perfluorohexyl ethyl methacrylate
610800345	Perfluorohexylperfluorooctylphosphinic acid
40143768	Perfluorohexylphosphonic acid
382218	Perfluoroisobutylene
6014751	Perfluorolauryl ethyl methacrylate
30046312	Perfluorolaurylethyl iodide
863090895	Perfluoro-4-methoxybutanoic acid
377731	Perfluoro-3-methoxypropanoic acid
1153	Perfluoromethylheptane sulfonic acid
62037803	Perfluoro(2-methyl-3-oxahexanoic) acid
31506328	Perfluoro-N-methyloctanesulfonamide
474511074	Perfluorononane sulfonate
68259121	Perfluorononane sulfonic acid
375951	Perfluorononanoic acid
16517116	Perfluorooctadecanoic acid
65104656	2-(Perfluorooctadecyl)ethanol
754916	Perfluorooctane sulfonamide
45298906	Perfluorooctane sulfonate
1763231	Perfluorooctane sulfonic acid

Emittent ID/CAS Number	Substance Name
27619972	1H,1H,2H,2H-Perfluorooctane sulfonic acid
307357	Perfluorooctane sulfonyl fluoride
335671	Perfluorooctanoic acid
2795393	Perfluorooctanoic acid and its salts, esters, and sulfonates
335660	Perfluorooctanoic acid fluoride
914637493	2H,2H,3H,3H-Perfluorooctanoic acid
70887886	2H-perfluoro-2-octenoic acid
27854315	2-perfluorooctyl ethanoic acid
27619905	2-(Perfluorooctyl)ethanesulfonyl chloride
21652584	Perfluorooctyl ethylene
1996889	2-(Perfluorooctyl)ethyl methacryate
40143780	Perfluorooctylphosphonic acid
175905369	Perfluoropentane sulfonate
2706914	Perfluoropentane sulfonic acid
2706903	Perfluoropentanoic acid
376067	Perfluorotetradecanoic acid
60699516	2-(Perfluorotetradecyl)ethanol
65510556	Perfluorotetradecylethyl iodide
4980534	Perfluorotetradecylethyl methacrylate
72629948	Perfluorotridecanoic acid
2058948	Perfluoroundecanoic acid
68412691	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivatives
68412680	Phosphonic acid, perfluoro-C6-12-alkyl derivatives
74499448	Phosphoric acid, alpha-omega-perfluoro-C8-16-alkyl esters, compounds with diethanolamine
123171686	Poly(difluoromethylene), alpha-[2-(acetyloxy)-3-[(carboxymethyl)dimethylammonio]propyl]-omega-fluoro-, inner salt
65530703	Poly(difluoromethylene), alpha, alpha'-[phosphinicobis(oxy-2,1-ethanediyl)]bis[omega-fluoro-, ammonium salt
65530623	Poly(difluoromethylene), alpha, alpha'-[phosphinicobis(oxy-2,1-ethanediyl)]bis[omega-fluoro-
65530690	Poly(difluoromethylene), alpha-[2-[(2-carboxyethyl)thio]ethyl]-omega-fluoro-, lithium salt
65530838	Poly(difluoromethylene), alpha-[2-[(2-carboxyethyl)thio]ethyl]-omega-fluoro-
65605563	Poly(difluoromethylene), alpha-fluoro-omega-(2-hydroxyethyl)-, dihydrogen 2-hydroxy-1,2,3-propanetricarboxylate
65605574	Poly(difluoromethylene), alpha-fluoro-omega-(2-hydroxyethyl)-, hydrogen 2-hydroxy-1,2,3-propanetricarboxylate

Emittent ID/CAS Number	Substance Name
65530598	Poly(difluoromethylene), alpha-fluoro-omega-(2-hydroxyethyl)-, 2-hydroxy-1,2,3-propanetricarboxylate (3:1)
65530667	Poly(difluoromethylene), alpha-fluoro-omega-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]-
65530656	Poly(difluoromethylene), alpha-fluoro-omega-[2-[(1-oxooctadecyl)oxy]ethyl]-
65605734	Poly(difluoromethylene), alpha-fluoro-omega-[2-[(1-oxo-2-propenyl)oxy]ethyl]-, homopolymer
95144120	Poly(difluoromethylene), alpha-fluoro-omega-[2-(phosphonoxy)ethyl]-, ammonium salt
65530725	Poly(difluoromethylene), alpha-fluoro-omega-[2-(phosphonoxy)ethyl]-, diammonium salt
65530714	Poly(difluoromethylene), alpha-fluoro-omega-[2-(phosphonoxy)ethyl]-, monoammonium salt
65530612	Poly(difluoromethylene), alpha-fluoro-omega-[2-(phosphonoxy)ethyl]-
80010373	Poly(difluoromethylene), alpha-fluoro-omega-[2-sulphoethyl]-
68958612	Poly(oxy-1,2-ethanediyl), alpha-[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]-omega-methoxy-
68298817	Poly(oxy-1,2-ethanediyl), alpha-[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]-omega-hydroxy-
68958601	Poly(oxy-1,2-ethanediyl), alpha-[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]-omega-methoxy-
56372237	Poly(oxy-1,2-ethanediyl), alpha-[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]-omega-hydroxy-
68298806	Poly(oxy-1,2-ethanediyl), alpha-[2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl]-omega-hydroxy-
65545804	Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, ether with alpha-fluoro-omega-(2-hydroxyethyl)poly(difluoromethylene) (1:1)
70983594	Poly(oxy-1,2-ethanediyl), alpha-methyl-omega-hydroxy-, 2-hydroxy-3-[(gamma-omega-perfluoro-C6-20-alkyl)thio]propyl ethers
68259392	Poly[oxy(methyl-1,2-ethanediyl)], alpha-[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]-omega-hydroxy-
68259381	Poly[oxy(methyl-1,2-ethanediyl)], alpha-[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]-omega-hydroxy-
68310178	Poly[oxy(methyl-1,2-ethanediyl)], alpha-[2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl]-omega-hydroxy-
37338480	Polypropylene glycol mono[2-(N-ethyl perfluorooctanesulfonamido)ethyl] ether
2991517	Potassium N-perfluorooctylsulfonyl-N-ethylglycinate
3107184	Potassium perfluorocyclohexyl sulfonate
3871996	Potassium perfluorohexanesulfonate
3872251	Potassium perfluoropentanesulfonate
1078715613	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-[2-[(gamma-omega-perfluoro-C4-20-alkyl)thio]acetyl] derivatives, inner salts
38006745	1-Propanaminium, 3-[[heptadecafluorooctyl)sulfonyl]amino]-N,N,N-trimethyl-, chloride
70983607	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-, 3-[(gamma-omega-perfluoro-C6-20-alkyl)thio] derivatives, chlorides
68555817	1-Propanaminium, N,N,N-trimethyl-3-[[pentadecafluoroheptyl)sulfonyl]amino]-, chloride
67584581	1-Propanaminium, N,N,N-trimethyl-3-[[pentadecafluoroheptyl)sulfonyl]amino]-, iodide
52166822	1-Propanaminium, N,N,N-trimethyl-3-[[tridecafluorohexyl)sulfonyl]amino]-, chloride
68957584	1-Propanaminium, N,N,N-trimethyl-3-[[tridecafluorohexyl)sulfonyl]amino]-, iodide

Emittent ID/CAS Number	Substance Name
68957551	1-Propanaminium, N,N,N-trimethyl-3-[[undecafluoropentyl)sulfonyl]amino]-, chloride
68957573	1-Propanaminium, N,N,N-trimethyl-3-[[undecafluoropentyl)sulfonyl]amino]-, iodide
238420809	Propanedioic acid, mono(gamma-omega-perfluoro-C8-12-alkyl) derivatives, bis[4-(ethenoxy)butyl] esters
238420683	Propanedioic acid, mono(gamma-omega-perfluoro-C8-12-alkyl) derivatives, di-me esters
148240851	1,3-Propanediol, 2,2-bis[[gamma-omega-perfluoro-C4-10-alkyl)thio]methyl] derivs., phosphates, ammonium salts
148240873	1,3-Propanediol, 2,2-bis[[gamma-omega-perfluoro-C6-12-alkyl)thio]methyl] derivatives, phosphates, ammonium salts
148240895	1,3-Propanediol, 2,2-bis[[gamma-omega-perfluoro-C10-20-alkyl)thio]methyl] derivatives, phosphates, ammonium salts
1078142105	1,3-Propanediol, 2,2-bis[[gamma-omega-perfluoro-C6-12-alkyl)thio]methyl] derivs., polymers with 2,2-bis[[gamma-omega-perfluoro-C10-20-alkyl)thio]methyl]-1,3-propanediol, 1,6-diisocyanato-2,2,4(or 2,4,4)-trimethylhexane, 2-heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane and 2,2'-(methylimino)bis[ethanol]
68187473	1-Propanesulfonic acid, 2-methyl-, 2-[[1-oxo-3-[(gamma-omega-perfluoro-C4-16-alkyl)thio]propyl]amino] derivatives, sodium salts
68227963	2-Propenoic acid, butyl ester, telomer with 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, alpha-(2-methyl-1-oxo-2-propenyl)-omega-hydroxypoly(oxy-1,4-butenediyl), alpha-(2-methyl-1-oxo-2-propenyl)-omega-[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,4-butenediyl), 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol
68298624	2-Propenoic acid, 2-[butyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, telomer with 2-[butyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, methyloxirane polymer with oxirane di-2-propenoate, methyloxirane polymer with oxirane mono-2-propenoate and 1-octanethiol
65605585	2-Propenoic acid, esters, 2-methyl-, dodecyl ester, polymer with alpha-fluoro-omega-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene)
59071102	2-Propenoic acid, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester
68867607	2-Propenoic acid, 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and alpha-(1-oxo-2-propenyl)-omega-methoxypoly(oxy-1,2-ethanediyl)
150135572	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Bu acrylate, gamma-omega-perfluoro-C8-14-alkyl acrylate and polyethylene glycol monomethacrylate, 2,2'-azobis[2,4-dimethylpentanenitrile]-initiated
196316344	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with gamma-omega-perfluoro-C10-16-alkyl acrylate and vinyl acetate, acetates
65605596	2-Propenoic acid, 2-methyl-, dodecyl ester, polymer with alpha-fluoro-omega-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene) and N-(hydroxymethyl)-2-propenamide
68555919	2-Propenoic acid, 2-methyl-, 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate
68239430	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with alpha-fluoro-omega-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and N-(hydroxymethyl)-2-propenamide
142636882	2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosfluorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosfluorotetradecyl 2-propenoate

Emittent ID/CAS Number	Substance Name
200513424	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10- heptadecafluorodecyl 2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate
68084628	2-Propenoic acid, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester
67584570	2-Propenoic acid, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl ester
67584569	2-Propenoic acid, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl ester
83048651	Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)trimethoxy-
78560448	Silane, trichloro(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-
125476713	Silicic acid (H4SiO4), disodium salt, reaction products with chlorotrimethylsilane and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10- heptadecafluoro-1-decanol
143372547	Siloxanes and Silicones, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy Me, hydroxy Me, Me octyl, ethers with polyethylene glycol mono-Me ether
30381987	Sodium bis-[2-(N-ethylperfluorooctane-1- sulfonamido)ethyl] phosphate
2624808	Sodium 2-(N-ethylperfluorooctane-1- sulfonamido)ethyl phosphate
335955	Sodium perfluorooctanoate
180582790	Sulfonic acids, C6-12-alkane, gamma-omega-perfluoro, ammonium salts
4151502	N-Ethyl perfluorooctane sulfonamid {Sulfuramid}
68758576	1-Tetradecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-
56773423	Tetraethylammonium perfluorooctylsulfonate
13252136	2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid
29311679	1,1,2,2-Tetrafluoro-2-((1,1,1,2,3,3-hexafluoro-3-[(trifluorovinyl)oxy]-2-propanyl)oxy)ethane sulfonic acid
34362497	1,1,2,2-Tetrahydroperfluorohexadecyl acrylate
34395249	1,1,2,2-Tetrahydroperfluorotetradecyl acrylate
97553952	Thiocyanic acid, gamma-omega-perfluoro-C4-20-alkyl esters
68140181	Thiols, C4-10, gamma-omega-perfluoro
1078712885	Thiols, C4-20, gamma-omega-perfluoro, telomers with acrylamide and acrylic acid, sodium salts
68140205	Thiols, C6-12, gamma-omega-perfluoro
70969470	Thiols, C8-20, alpha-gamma-perfluoro, telomers with acrylamide
68140216	Thiols, C10-20, gamma-omega-perfluoro
1652637	N,N,N-Trimethyl-3-(perfluorooctylsulfonamido)propan-1-aminium iodide

(32) Phosphorus compounds refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
7803512	Phosphine

Emittent ID/CAS Number	Substance Name
7664382	Phosphoric acid
10025873	Phosphorus oxychloride
10026138	Phosphorus pentachloride
1314563	Phosphorus pentoxide
7719122	Phosphorus trichloride
126738	Tributyl phosphate
78400	Triethyl phosphate
512561	Trimethyl phosphate
78308	Triorthocresyl phosphate
115866	Triphenyl phosphate
101020	Triphenyl phosphite

(33) Phthalates refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
85687	Butyl benzyl phthalate
84742	Dibutyl phthalate
84617	Dicyclohexyl phthalate
117817	Di(2-ethylhexyl) phthalate
84662	Diethyl phthalate
84753	Di-n-hexyl phthalate
84695	Di-isobutyl phthalate
26761400	Di-isodecyl phthalate
89167	Di-isodecyl phthalate mixture
28553120	Di-isononyl phthalate
131113	Dimethyl phthalate
131180	Di-n-pentyl phthalate
88993	Phthalic acid

(34) Polychlorinated dibenzofurans refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
51207319	2,3,7,8-Tetrachlorodibenzofuran

Emittent ID/CAS Number	Substance Name
57117416	1,2,3,7,8-Pentachlorodibenzofuran
57117314	2,3,4,7,8-Pentachlorodibenzofuran
70648269	1,2,3,4,7,8-Hexachlorodibenzofuran
57117449	1,2,3,6,7,8-Hexachlorodibenzofuran
72918219	1,2,3,7,8,9-Hexachlorodibenzofuran
60851345	2,3,4,6,7,8-Hexachlorodibenzofuran
67562394	1,2,3,4,6,7,8-Heptachlorodibenzofuran
55673897	1,2,3,4,7,8,9-Heptachlorodibenzofuran
39001020	1,2,3,4,6,7,8,9-Octachlorodibenzofuran
55722275	Total Tetrachlorodibenzofuran
30402154	Total Pentachlorodibenzofuran
55684941	Total Hexachlorodibenzofuran
38998753	Total Heptachlorodibenzofuran

(35) Radionuclides refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
10043660	Iodine-131
1166	Radon and its decay products
7440291	Thorium-232 and its decay products

(36) Styrene and copolymers refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
100425	Styrene
9003547	Styrene-acrylonitrile copolymers
9003558	Styrene-butadiene copolymers
98839	Methylstyrene
96093	Styrene oxide

(37) Tetrakis(hydroxymethyl)phosphonium salts refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
124641	Tetrakis(hydroxymethyl)phosphonium chloride

Emittent ID/CAS Number	Substance Name
55566308	Tetrakis(hydroxymethyl)phosphonium sulfate

(38) Toluene diisocyanates refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
584849	Toluene-2,4-diisocyanate
91087	Toluene-2,6-diisocyanate

(39) Trimethylbenzenes refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
526738	1,2,3-Trimethylbenzene
95636	1,2,4-Trimethylbenzene
108678	1,3,5-Trimethylbenzene

(40) Xylenes refer to the following listed substances:

Emittent ID/CAS Number	Substance Name
108383	m-Xylene
95476	o-Xylene
106423	p-Xylene

APPENDIX C - I

RESPONSIBILITIES OF ALL FACILITIES

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

THIS APPENDIX IS NOT AN EXHAUSTIVE LIST. ALL FACILITIES ARE RESPONSIBLE FOR IDENTIFYING AND ACCOUNTING FOR ANY LISTED SUBSTANCE USED, MANUFACTURED, FORMULATED, OR RELEASED.

All Facilities shall account for the following devices and emitting processes and associated emissions, and shall account for ANY OTHER PROCESS EQUIPMENT THAT MAY BE A SOURCE OF RELEASE OF ANY LISTED SUBSTANCE:

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
FUEL/WASTE COMBUSTION	Boilers, Heaters, Kilns, IC Engines, Furnaces			Anthracene oil or paste, 1,2-Dichloropropane, Hydrochloric acid, Methyl ethyl ketone, 1-Methylnaphthalene, Methylnaphthalene (mixed), All listed substances specified in Appendix A
FUEL/WASTE COMBUSTION	Boilers, Heaters, Kilns, IC Engines, Furnaces	Coal-fired	Particulate metals including but not limited to:	Arsenic, Beryllium, Cadmium, Chromium, Coal dust, Coal tar, Copper, Lead, Manganese, Mercury, Nickel, Radionuclides, Selenium, Sulfur trioxide, Zinc, All listed metals specified in Appendix A
FUEL/WASTE COMBUSTION	Boilers, Heaters, Kilns, IC Engines, Furnaces	Coal-fired	Other particulate-phase substances including but not limited to:	Dibenzofurans, Dioxins, PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene, Phosphorus, Phosphorus compounds, Polychlorinated dibenzofurans, 4-Vinylcyclohexene, Xylenes
FUEL/WASTE COMBUSTION	Boilers, Heaters, Kilns, IC Engines, Furnaces	Coal-fired	Gaseous products including but not limited to:	Acetaldehyde, Benzene, Carbon black, Carbon black extracts, Dichlorobenzenes, Diesel engine PM, Diesel engine TOG, Diesel fuel (marine), Dimethyl methylphosphonate, EDB, EDC, Hydrogen fluoride, Formaldehyde, Hydrogen chloride, Hydroquinone, MTBE, 2-Methylaziridine, Naphtha (coal tar), Nitromethane, Oxygen difluoride, Phenols, Propylene, Shale oils, Tricresyl phosphate, 1,3,5-Trimethylbenzene

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
FUEL/WASTE COMBUSTION	Boilers, Heaters, Kilns, IC Engines, Furnaces	Oil-fired Residual or Distillate	Gaseous and particulate substances including but not limited to:	Arsenic, Benzene, Beryllium, Cadmium, Chromium, Copper, 1,2-Dichloropropane, Diesel PM, 1,8-Dinitropyrene, Dioxins, 1,2-Diphenylhydrazine, Formaldehyde, Isobutylene, Lead, Manganese, Mercury, 2-Methylcyclopentadienyl manganese tricarbonyl, Nickel, PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene, Polychlorinated dibenzofurans, Radionuclides, Selenium, Zinc, All listed metals specified in Appendix A
FUEL/WASTE COMBUSTION	Boilers, Heaters, Kilns, IC Engines, Furnaces	Waste		Arsenic, Benzene, Beryllium, Cadmium, Chloroform, Chromium, Copper, Dibenzofurans, Dioxins, EDB, EDC, Manganese, Mercury, Methylene chloride, Nickel, PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene, PCBs, Perchloroethylene, Polychlorinated dibenzofurans, Toluene, 1,1,1-TCA, TCE, Xylenes, All listed metals specified in Appendix A
FUEL/WASTE COMBUSTION	Boilers, Heaters, Kilns, IC Engines, Furnaces	Natural gas-fired	Gaseous and particulate substances including but not limited to:	Acetaldehyde, Acrolein, Benzene, Crotonaldehyde, Dioxins, Formaldehyde, PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene, Polychlorinated dibenzofurans, Propylene, Toluene, Xylenes, All listed metals specified in Appendix A
FUEL/WASTE COMBUSTION	Boilers, Heaters, Kilns, IC Engines, Furnaces	Process gas-fired	Gaseous and particulate substances including but not limited to:	Benzene, Crotonaldehyde, Dioxins, Formaldehyde, Nitromethane, Phenol, Polychlorinated dibenzofurans, All listed metals specified in Appendix A
FUEL/WASTE COMBUSTION	Boilers, Heaters, Kilns, IC Engines, Furnaces	Solid Waste-fired	Gaseous and particulate substances including but not limited to:	Dioxins, Formaldehyde, Manganese, Nickel, PAH/PAH-derivatives/POM from combustion, Phenol, Polychlorinated dibenzofurans

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
FUEL/WASTE COMBUSTION	Boilers, Heaters, Kilns, IC Engines, Furnaces	Wood-fired	Gaseous and particulate substances including but not limited to:	Acetaldehyde, Arsenic, Arsenic trioxide, Benzene, Chromium, Copper, Dioxins, 1-Methylnaphthalene, Methylnaphthalene (mixed), PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene, PCBs, Polychlorinated dibenzofurans, Any pesticides used on wood
FUEL/WASTE COMBUSTION	Boilers, Heaters, Kilns, IC Engines, Furnaces	Other Liquid-fired	From boiler corrosion inhibitor	Heptachlor, Hydrazine, 2-Mercaptobenzothiazole, Nitrosomorpholine, All listed metals specified in Appendix A
FUEL/WASTE COMBUSTION	Coke Ovens			Benzene, Benzyl chloride, Coal tar, Coke oven emissions, Cresols, Dibenzofurans, Dioxins, Nitrosamines, PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene, Polychlorinated dibenzofurans
FUEL/WASTE COMBUSTION	Flares		Particulate metals including but not limited to:	Arsenic, Beryllium, Chromium, Lead, Mercury, Nickel, All listed metals specified in Appendix A
FUEL/WASTE COMBUSTION	Flares		Other particulate-phase substances including but not limited to:	Dibenzofurans, Dioxins, PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene, Polychlorinated dibenzofurans
FUEL/WASTE COMBUSTION	Flares		Gaseous products including but not limited to:	Aldehydes, Benzene, Dichlorobenzenes, EDB, EDC
FUEL/WASTE COMBUSTION	Flares	Landfill Gas -- Also see Boilers, Heaters, IC Engines, etc, Appendix C-I		
FUEL/WASTE COMBUSTION	Incinerators - see ALL other combustion releases, but pay particular attention to the following:			
FUEL/WASTE COMBUSTION	Incinerators		Particulate metals including but not limited to:	Arsenic, Beryllium, Cadmium, Chromium, Copper, Manganese, Mercury, Nickel, PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene, Selenium, Zinc, All listed metals specified in Appendix A

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
FUEL/WASTE COMBUSTION	Incinerators		Other particulate-phase substances including but not limited to:	Dibenzofurans, Dioxins, PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene, PCBs, Polychlorinated dibenzofurans
FUEL/WASTE COMBUSTION	Incinerators		Gaseous products including but not limited to:	Benzene, Dichlorobenzenes, EDB, EDC, Hydrogen fluoride, Hydrogen chloride, Vinyl chloride
FUEL/WASTE COMBUSTION	Incinerators	Cotton Gin Waste		Arsenic
FUEL/WASTE COMBUSTION	Incinerators	Hazardous Waste		Dioxins, 1-Methylnaphthalene, Methylnaphthalene (mixed), PAH/PAH-derivatives/POM from combustion, Polychlorinated dibenzofurans, All listed metals specified in Appendix A
FUEL/WASTE COMBUSTION	Incinerators	Hospital Waste		Dioxins, Polychlorinated dibenzofurans, Radionuclides, All listed metals specified in Appendix A
FUEL/WASTE COMBUSTION	Incinerators	Municipal Refuse		Beryllium, Cadmium, Chromium, Manganese, Mercury, Nickel, PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene
FUEL/WASTE COMBUSTION	Incinerators	Pathological		Dioxins, Polychlorinated dibenzofurans
FUEL/WASTE COMBUSTION	Incinerators	Scrap Wood		PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene
FUEL/WASTE COMBUSTION	Incinerators	Sludge		Acrolein, Arsenic, Beryllium, Cadmium, Chromium, Dioxins, Manganese, Mercury, Mineral fibers (asbestos and related), Asbestos, Nickel, PAH/PAH-derivatives/POM from combustion, Polychlorinated dibenzofurans, All listed metals specified in Appendix A
FUEL/WASTE COMBUSTION	Incinerators	Solid/Biomass Waste		All listed metals specified in Appendix A
FUEL/WASTE COMBUSTION	Incinerators	Waste-To-Energy		Acrolein, Dibenzofurans, Dioxins, Manganese, Nickel, PAH/PAH-derivatives/POM from combustion, Polychlorinated dibenzofurans, All listed metals specified in Appendix A

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
SOLVENT USE	Miscellaneous Use			<p>Acetaldehyde, Acetic acid, Acetonitrile, Acrolein, Arsenic, Benzene, Biphenyl, Bis(2-ethylhexyl) adipate, Hydrogen bromide, Bromobenzene, Bromonaphthalene, t-Butyl acetate, n-Butyl alcohol, sec-Butyl alcohol, tert-Butyl alcohol, n-Butyl glycidyl ether, gamma-Butyrolactone, n-Butyronitrile, Cadmium, Carbon disulfide, Carbon tetrachloride, Chloral, Chloroacetic acid, Chlorobenzene, Chloroform, Chloromethyl methyl ether, 2-Chloronaphthalene, 4-Chloro-o-phenylenediamine, 2,4-Dichlorophenol, 2,5-Dichlorophenol, Pentachlorophenol, Cobalt sulfide, Cresols, Crotonaldehyde, Cupferron, Cyclohexane, Cyclosiloxanes, D5, Diacetyl, Di(2-ethylhexyl) phthalate, Dimethyl carbonate, Dimethyl formamide, Dimethyl methylphosphonate, Dimethyl sulfate, Dioxane, 1,3-Dioxolane, 1,2-Epoxybutane, Ethyl acetate, Ethyl benzene, Ethyl chloride, EDC, Ethylenediamine, Ethylidene dichloride, Hydrogen fluoride, Fluorocarbons (Chlorinated), CFC-113, Formamide, Formic acid, Furan, Furfuryl alcohol, Glycol ethers and their acetates, Heptachlor, Heptane, Indium and compounds, Isobutyl alcohol, Isobutyronitrile, Isopropyl alcohol, Mercury, Methanol, Methyl chloride, Methyl ethyl ketone, Methyl hydrazine, Methyl isopropyl ketone, Methylamine, Methylene chloride, Methyl-n-butyl ketone, N-Methylpyrrolidone, Nitrobenzene, Nitromethane, 2-Nitropropane, N-Nitrosomorpholine, N,N-Dimethylacetamide, Oxybenzone, PCBTF, Pentachloronitrobenzene, Perchloroethylene, Phosphorus oxychloride, Phthalates, Propargyl alcohol, Propionitrile, Quinoline, Silica (crystalline, respirable), p-tert-Butyl toluene, 1,1,1,2-Tetrachloroethane, Thionyl chloride, Toluene, 1,1,1-TCA, TCE, Trimethylbenzenes, 2,2,4-Trimethylpentane, Urethane, 4-Vinylcyclohexene, Xylenes, Any other listed chlorinated solvents, All listed substances specified in Appendix A</p>

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
SOLVENT USE	Degreasing Operations		Gaseous and aerosol organic compounds including but not limited to:	Benzene, Bromoform, t-Butyl acetate, Carbon tetrachloride, Chlorobenzene, 1,2-Dichlorobenzene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Chloroform, Cyclohexanol, 1,2-Dichloropropane, Dimethyl disulfide, 1,4-Dioxane, CFC-113, Freons, Hexachloroethane, Methylene chloride, PCBTF, Perchloroethylene, n-Propyl bromide, Tetralin, Toluene, 1,1,1-TCA, TCE, All listed substances specified in Appendix A
SOLVENT USE	Degreasing Operations	Cleaning & Drying		Fluorocarbons (Chlorinated), Hexane, Naphtha (coal tar), Perchloroethylene
SOLVENT USE	Degreasing Operations	Metal Degreasers		Hydrogen bromide, t-Butyl acetate, 1,2-Dichlorobenzene, o-Cresol, Cyanogen chloride, Cyclohexanone, 1,2-Dichloropropane, 1,4-Dioxane, EDC, Methyl ethyl ketone, Methylene chloride, Nitric acid, Nonylphenol ethoxylates, PCBTF, Pentachloroethane, Perchloroethylene, n-Propyl bromide, 1,1,2,2-Tetrachloroethane, 1,1,1-TCA, TCE
SOLVENT USE	Degreasing Operations	Oil, Wax, Fat Extracting		Benzaldehyde, Bromoform, Carbon disulfide, Carbon tetrachloride, Chlorine dioxide, Cumene, Cyclohexanol, Cyclohexanone, Decahydronaphthalene, Dichloroethane, 1,2-Dichloroethylene (cis, trans), 1,2-Dichloropropane, Ethylidene dichloride, Hexane, 4-Hydroxyazobenzene, Isophorone, Methylene chloride, Triorthocresyl phosphate, n-Propyl bromide, 1,1,2,2-Tetrachloroethane, Tetralin, 1,1,2-TCA

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
SOLVENT USE	Degreasing Operations	Photoresist Stripping		Glycol ethers and their acetates, Methylene chloride, N-Methylpyrrolidone, Xylenes
SOLVENT USE	Degreasing Operations	Vapor Degreasing		1,2-Dichloroethylene (cis, trans), PCBTF, Perchloroethylene, TCE
SOLVENT USE	Fabric Finishing (Woven)			Benzofuran, 1,4-Dichlorobenzene, 2,4-Diaminoanisole
SOLVENT USE	Floor Wax			Carbon disulfide, Carbon tetrachloride, 1,1,2-TCA
SOLVENT USE	Paint & Varnish Removal			Benzofuran, Bis(2-chloroethyl) ether, sec-Butyl alcohol, tert-Butyl alcohol, n-Butyl glycidyl ether, gamma-Butyrolactone, Carbon disulfide, Cumene, Cyclohexanol, Dimethyl formamide, Dioxane, EDC, Ethylidene dichloride, Diethylene glycol monoethyl ether acetate, Propylene glycol monomethyl ether, Isobutyl alcohol, Methyl phenyl carbinol, Methylamine, Methylene chloride, N-Methylpyrrolidone, Mica, Nonylphenol ethoxylates, 1,1,2,2-Tetrachloroethane, Tetralin, TCE, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene
SOLVENT USE	Polish (Shoe, Furniture)			Carbon tetrachloride, Cyclohexanol, Decahydronaphthalene, Ethyl methacrylate, Nitrobenzene, Tetralin
SOLVENT USE	Rubber Cement			Carbon disulfide, Carbon tetrachloride, p-tert-Butyl toluene

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
SOLVENT USE	Surface Coating		Gaseous and aerosol organic compounds including but not limited to:	Acetaldehyde, Allyl methacrylate, Benzene, Benzonitrile, t-Butyl acetate, n-Butyl alcohol, sec-Butyl alcohol, tert-Butyl alcohol, gamma-Butyrolactone, Cadmium succinate, Carbon tetrachloride, Chlorobenzenes, Chloroform, Chloromethyl methyl ether, 4-Chloro-o-phenylenediamine, Chromium trivalent, Cresols, Dimethyl carbonate, Dioxane, Glutaraldehyde, Glycol ethers and their acetates, Indium and compounds, Toluene diisocyanates, Methanol, Methyl methacrylate, Methylene bis(4-cyclohexylisocyanate), Methylene chloride, Michler's ketone, Mineral fibers (asbestos and related), Nitrobenzenes, 2-Nitro-propane, Oxybenzone, PCBTF, Perchloroethylene, Perfluoro and polyfluoro compounds, Phenol, Triorthocresyl phosphate, Phthalic anhydride, Phthalonitrile, Styrene and copolymers, Toluene, 1,1,1-TCA, TCE, Trimethylolpropane triacrylate, Vinyl toluene, N-Vinyl-2-pyrrolidone, Xylenes

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
SOLVENT USE	Surface Coating		From adhesives	Allyl methacrylate, Ammonium chloride, Arsenic pentoxide, Benzofuran, t-Butyl acetate, Carbon tetrachloride, Chloroform, Cobalt octoate, Dimethyl carbonate, Dimethyl glutarate, Dimethyl-p-toluidine, Epoxy resins, Ethyl cyanoacrylate, Ethylene, Ethylene glycol, Flame retardants, Isobutyl alcohol, Isocyanates, Isophorone, Methyl cyanoacrylate, Methylene chloride, PCBTF, Perfluoro and polyfluoro compounds, PFOA, Tri-n-butyl phosphate, Triorthocresyl phosphate, Phthalates, n-Propyl bromide, Styrene and copolymers, Terephthalic acid, Toluene, 2,4,6-Tribromophenol, 1,1,2-TCA, TCE, Vinyl acetate, 4-Vinylcyclohexene, Vinylidene chloride, N-Vinyl-2-pyrrolidone
SOLVENT USE	Surface Coating		From wood finishing	Arsenic pentoxide, 2,4-Dichlorophenol, 2,3,4,6-Tetrachlorophenol, Cobalt octoate, Dioxane, Glycol ethers and their acetates, Isocyanates, Methylene chloride, Nonylphenol ethoxylates, Perchloroethylene, Tetraethylene glycol, Toluene
SOLVENT USE	Surface Coating		From metal finishing	Arsenic pentoxide, 2-Chloronaphthalene, Chromium hexavalent, Calcium chromate, Chromium trioxide, Strontium chromate, Chromium trivalent, Cobalt octoate, Isocyanates, PCBTF, Perchloroethylene, Terephthalic acid, Tetraethylene glycol, Titanium dioxide, Toluene, 1,1,1-TCA, Yttrium and compounds, Zinc

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
SOLVENT USE	Surface Coating	Resin Application, Coating Application, Flashoff, Baking/Curing, Quenching		Acrolein, Arsenic pentoxide, Benzofuran, Bis(2,3-epoxycyclopentyl) ether, Bromonaphthalene, n-Butyl alcohol, sec-Butyl alcohol, n-Butyl glycidyl ether, Chloromethyl methyl ether, 4-Chloro-o-phenylenediamine, Chromium hexavalent, Barium chromate, Calcium chromate, Chromium trioxide, Cobalt octoate, Cyclohexane, 1,2-Dichloroethylene (cis, trans), 1,2-Diphenylhydrazine, Epoxy resins, Formaldehyde, 4-Hydroxyazobenzene, Isobutyl alcohol, Isocyanates, Isophorone, Nadic methyl anhydride, Oxybenzone, Triorthocresyl phosphate, n-Propyl bromide, p-tert-Butyl toluene, Tetraethylene glycol, Tetrahydrophthalic anhydride, 1,1,2-TCA, 1,2,3-Tris(chloromethoxy)propane, Vinyl toluene
SOLVENT USE	Surface Coating	Storage & Handling - see Liquid Storage & Transfer, Appendix C-I		
LIQUID STORAGE & TRANSFER (Fugitive Emissions)	Pipelines	Petroleum	Gaseous and aerosol fugitives From: joints, valves	Benzene, Gasoline vapors, Naphtha (coal tar), Toluene, Xylenes
LIQUID STORAGE & TRANSFER (Fugitive Emissions)	Process Vents			Transported substances that are listed substances as specified in Appendix A
LIQUID STORAGE & TRANSFER (Fugitive Emissions)	Tanks	Petroleum Products Tank Breathing	Gaseous and liquid petroleum products including but not limited to:	Benzene, EDC, Gasoline vapors, 2-Methylcyclopentadienyl manganese tricarbonyl, Toluene, Xylenes, Stored substances that are listed substances as specified in Appendix A
LIQUID STORAGE & TRANSFER (Fugitive Emissions)	Tank Cars and Trucks	Filling and Tank Breathing	Gaseous, liquid and volatile solids including but not limited to:	Each component of a mixture that is a listed substance as specified in Appendix A, Each pure organic stored or transferred that is a listed substance as specified in Appendix A

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
LIQUID STORAGE & TRANSFER (Fugitive Emissions)	Fugitives	Equipment Leaks	Gaseous and aerosol organic compounds From: vents, tanks, condensers, pumps, valves, compressors	Emissions vary according to substances involved in specific process
OTHER PROCESSES	Contaminated Soil/Water Remediation		Chlorinated organics including:	Calcium oxide, Carbon black, Carbon tetrachloride, 3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone, Chloroform, 2,6-Dichloro-p-phenylenediamine, EDC, Methyl chloroform, Oxadiazon, Oxyfluorfen, Perchloroethylene, Tributyltin methacrylate, 1,1,1-TCA, TCE
OTHER PROCESSES	Contaminated Soil/Water Remediation		Other organics including	Benzene, Chlorobenzene, Oryzalin, Oxydemeton methyl, Toluene, Xylenes
OTHER PROCESSES	Cooling Towers	Comfort Cooling, Process Cooling	Gaseous and aerosol releases possibly containing additives and including but not limited to: In part due to drift loss	Bis(tributyltin) oxide, Bromine, Chloroform, 2,4,5-Trichlorophenol, Chromium, Disodium cyanodithioimidocarbonate, Manganese, Nickel, Any other additives that are listed substances as specified in Appendix A
OTHER PROCESSES	Drinking Water Treatment			Anthracene oil or paste, Bromate, Bromochloroacetic acid, Calcium oxide, Carbon nanotubes, Chloramine, Chlorine, Chlorine dioxide, 3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone, Chloroform, Chromium, Cyclosiloxanes, D6, Dibromoacetic acid, Dibromoacetonitrile, 1,4-Dichloro-2-nitrobenzene, Iodine, Manganese, Nickel, Nickel compounds, Perfluoro and polyfluoro compounds, Sodium fluoride, Succinic anhydride, Any other additives that are listed substances as specified in Appendix A

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
OTHER PROCESSES	Heat Transfer Fluids			Biphenyl, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Dibenzofurans, Trichlorofluoromethane, Hexachlorobutadiene, Magnesium oxide, Methylene chloride, Phenyl ether-biphenyl mixture (vapor), 3,3',4,4'-Tetrachlorobiphenyl
OTHER PROCESSES	Industrial Wastewater Treatment		Chlorinated organics including:	Bromochloroacetic acid, Calcium oxide, Carbon tetrachloride, Chlorine, Chlorine dioxide, 3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone, Chloroform, Dibromochloromethane, EDC, Methylene chloride, Pentachloronitrobenzene, Perchloroethylene, 1,1,1-TCA, TCE
OTHER PROCESSES	Industrial Wastewater Treatment		Other organics including:	Benzene, Bromate, Bromine, Chlorobenzene, 1,4-Dichloro-2-nitrobenzene, Glutaraldehyde, Hydrazine, Hydrogen peroxide (>5%), Oryzalin, Oxadiazon, Oxydemeton methyl, Oxyfluorfen, Perfluoro and polyfluoro compounds, beta-Propiolactone, Succinic anhydride, Sulfur dioxide, Toluene, Xylenes
OTHER PROCESSES	On-site Fuel Dispensing		Gaseous and aerosol releases including but not limited to:	Benzene, Bromobenzene, tert-Butyl alcohol, Dibromoethane, Dichloroethane, ETBE, EDB, EDC, Gasoline vapors, Toluene, Xylenes

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
OTHER PROCESSES	Pesticide Use -- For facilities that are subject to Hot Spots applicability provisions, reporting is required except during the time it is acting as a pesticide at an operation which is not a facility subject to the Hot Spots program.			<p>Acephate, Acetic acid, 2-Acetylaminofluorene, Acrolein, Aldicarb, Allyl bromide, Allyl isothiocyanate, Amitraz, Amitrole, Ammonium sulfate, Arsenic, Arsenic acid, Arsenic pentoxide, Arsenic trioxide, Atrazine, Azinphosmethyl, Azoxystrobin, Bendiocarb, Benomyl, Bensulfide, Benzene, Benzenesulfonic acid, p-Benzoquinone dioxime, Bifenthrin, Biphenyl, Bis(2,3-epoxycyclopentyl) ether, Bis(tributyltin) oxide, Boron oxide, Bromacil, Bromacil lithium salt, Bromine, Bromoxynil octanoate, Cadmium chloride, Cadmium succinate, Cadusafos, Calcium arsenate, Calcium oxide, Captafol, Captan, Carbaryl, Carbazole, Carbofuran, Carbon tetrachloride, Chlordane, Chlorine, Chloroacetic acid, p-Chloroaniline, Chlorobenzene, 1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2,3,4-Tetrachlorobenzene, 1,2,4,5-Tetrachlorobenzene, 1,2,3-Trichlorobenzene, Chlorobenzilate, Chloroform, Chloromethoxy propyl mercuric acetamide, 2-Chloronaphthalene, Chlorophenols, 2,4-Dichlorophenol, 2,5-Dichlorophenol, Pentachlorophenol, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol sodium salt, 2,4,6-Trichlorophenol, Chloropicrin, Chlorothalonil, Chlorpyrifos, Chlorthal-dimethyl, Clofenotane, Copper, Cresols, Crotonaldehyde, Cyanamide, Cyanide compounds (inorganic), Hydrocyanic acid, Cycloate, Cyclohexanol, Cycloheximide, Des-isopropyl atrazine, N-Nitrosodimethylamine, N-Nitrosodi-n-propylamine, 2,4-Diaminotoluene, Diazinon, Diazoaminobenzene, Dibromochloropropane, Dibromoethane, Dibutyl phthalate, 1,4-Dichloro-2-nitrobenzene, 2,4-D and salts/esters, 1,3-Dichloropropene, Dichlorvos, Diclofop methyl, Dicofol, Di(2-ethylhexyl) phthalate, Dimethoate, Dimethyl disulfide, Dimethyl sulfate, p-Dimethylaminoazobenzene diazo sodium sulfonate, Dimethylarsinic acid, 4,6-Dinitro-o-cresol (and salts), 2,4-Dinitrophenol, Di-n-propyl isocinchomeronate, Dioxins, Diphenylamine, Diquat dibromide (and mixtures), Disodium cyanodithioimidocarbonate, Disulfiram, Diuron, Endosulfan, Endrin, Ethoprop, Ethyl acetate, EPTC, Ethyl parathion, o-Ethylaniline, Ethylene, EDB, EDC, ETO, Ethylene thiourea, Ethylenediamine, Fenamiphos, Fenoxaprop ethyl, Fenoxycarb, Fenvalerate, Fluzifop butyl, Fludioxonil, Fluorocarbons (Chlorinated), Fluvalinate, Formaldehyde, Formic acid, Fosetyl-al, Furan, Furfural, Glutaraldehyde, Glycol ethers and their acetates, Glyphosate, Hexachlorocyclohexanes, Lindane, Hexachlorocyclopentadiene, Hexachloroethane, 2,4-Hexadienal, Hexahydrophthalic anhydride, Hydrazine, Hydrochloric acid, Hydrogen peroxide (>5%), Imazalil, Iprodione, Isobutyronitrile, Isocyanates, Isophorone, Isopropyl alcohol, Kresoxim-methyl, Lead, Lead arsenate, Linuron, Magnesium oxide, Magnesium phosphide, Malathion, Manganese, 2-Mercaptobenzothiazole, Mercuric chloride, Methyl mercury, Metam potassium, Metam sodium, Methamidophos, Methidathion, Methomyl, Methoxychlor, Methyl bromide, Methyl carbamate, Methyl parathion, Methylarsonic acid, 2-Methylacetonitrile, Myclobutanil, Nabam, 1-Naphthylthiourea, Nickel titanate, Nitrapyrin, 4-Nitrobiphenyl, 1-Nitronaphthalene, 4-Nitrophenol, 2-Nitropropane, Nonylphenol, Nonylphenol ethoxylates, Oxythioquinox, PAHs and PAH-related compounds, Acenaphthene, Naphthalene, Paraquat, Parathion, Pendimethalin, Pentachloronitrobenzene, Peracetic acid, Permethrin, Phenol, o-Phenylenediamine dihydrochloride, 2-Phenylphenol,</p>

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
				<p>Phorate, Phosmet, Phosphorus, Phosphine, Tri-n-butyl phosphate, Triphenyl phosphite, Phthalimide, Polychlorinated dibenzofurans, Potassium dimethyldithiocarbamate, Potassium phosphite, Procymidone, 1-Propanethiol, Propanil, Propargite, Propoxur, Propylene oxide, Propyzamide, Pymetrozine, Quinone, Resmethrin, Sedaxane, Silica (crystalline, respirable), Simazine, Sodium aluminum fluoride, Sodium azide, Sodium dimethyldithiocarbamate, Sodium fluoride, Sodium hydroxide, Sodium tetrathiocarbamate, Sulfur, Sulfur dioxide, Sulfuric acid, Sulfuryl fluoride, Terrazole, 3,3',4,4'-Tetrachloroazobenzene, Tetrachlorophthalic-anhydride, Tetraethylene glycol, Tetrakis(hydroxymethyl)phosphonium sulfate, Tetralin, Thiabendazole, Thiophanate methyl, Thiram, 4-t-Octylphenol, Toxaphene, trans-2-[(Dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)-vinyl]-1,3,4-oxadiazole, Triadimefon, Tribufos, S,S,S-Tributyl phosphorotrithioate, Tributyltin methacrylate, 1,1,2-TCA, 1,2,3-Trichloropropane, Trifloxystrobin, Trifluralin, Tris(1-aziridinyl)phosphine oxide, Tris(2-methyl-1-aziridinyl)phosphine oxide, Urethane, Vanadium pentoxide, Vinclozolin, 2,4-Xylidine, Zectran, Zinc, Zinc oxide, Zinc phosphide, Ziram</p>
OTHER PROCESSES	Printing - see Solvent Use, Appendix C-I Also see Printing & Publishing, Appendix C-II			

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
OTHER PROCESSES	Sterilizers			ETO, Formaldehyde, Lead, Propylene oxide, Toluene
OTHER PROCESSES	Surface Coating		Pigments	Arsenic, Arsenic pentoxide, n-Butyl glycidyl ether, 2,4-Dichlorophenol, Chromium hexavalent, Strontium chromate, Chromium oxide, Chromium trivalent, Cobalt octoate, 2,4-Diaminoanisole, 1,4-Dichloro-2-nitrobenzene, Lead oxide, Mercury, Styrene and copolymers, 1,1,2-TCA, Zinc oxide
OTHER PROCESSES	Surface Coating		Polymer & Resin Precursors Residues/Impurities	Acrolein, Acrylonitrile, Benzofuran, Bis(2,3-epoxycyclopentyl) ether, 1,3-Butadiene, n-Butyl alcohol, sec-Butyl alcohol, n-Butyl glycidyl ether, Cadmium, Chloroacetic acid, 4-Chloro-o-phenylenediamine, m-Cresidine, p-Cresidine, Ethyl acrylate, Formaldehyde, Glycol ethers and their acetates, Isocyanates, Lauroyl peroxide, 2-Mercaptobenzothiazole, Methylacrylonitrile, Phenol, Styrene and copolymers, Vinyl chloride, Vinylidene chloride, All listed metals specified in Appendix A
OTHER PROCESSES	Surface Coating		Additives - Curing agents, Surfactants, Defoamers, Thickeners, Film-control agents, Plasticizers	Ammonia, Cobalt octoate, Cyclosiloxanes, Dibutyl phosphate, Dimethyl terephthalate, Disulfiram, Formic acid, Glycol ethers and their acetates, Lauroyl peroxide, Magnesium oxide, Methylamine, Nonylphenol ethoxylates, Propylene oxide, Styrene and copolymers, Tetraethylene glycol, Tetramethylethylenediamine, Triethylenetetramine, 1,2,3-Tris(chloromethoxy)propane, N-Vinyl-2-pyrrolidone

**APPENDIX C-I
RESPONSIBILITIES OF ALL FACILITIES**

Device/Process Level 1	Device/Process Level 2	Device/Process Level 3	Types of Emissions	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
OTHER PROCESSES	Wastewater Treatment			Acrylamide, Ammonium sulfate, Benzene, Bromine, Bromochloroacetic acid, Calcium oxide, Chlorine, Chlorine dioxide, Chloroform, Dibromoacetic acid, Dibromoacetonitrile, 1,4-Dichloro-2-nitrobenzene, EDC, Glutaraldehyde, Hydrazine, Hydrogen peroxide (>5%), Methylene chloride, Nickel carbonate, Succinic anhydride, Sulfur dioxide, TCE, Vinyl chloride, All listed substances specified in Appendix A
CONTROL EQUIPMENT			Emission reductions must be quantified: For each listed substance & device	

APPENDIX C- II

FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

THIS APPENDIX IS NOT AN EXHAUSTIVE LIST. ALL FACILITIES ARE RESPONSIBLE FOR IDENTIFYING AND ACCOUNTING FOR ANY LISTED SUBSTANCE USED, MANUFACTURED, FORMULATED, OR RELEASED.

If a facility falls within one or more of the following specific industry types, the facility operator shall account for the following devices and emitting processes, fugitive releases, and their associated emissions, and shall account for ANY OTHER PROCESS EQUIPMENT THAT MAY BE A SOURCE OF RELEASE OF ANY LISTED SUBSTANCE:

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Adhesives Application - see Solvent Use and Other Processes, Appendix C-I			
Adhesives Manufacturing - see Chemical Manufacturing, Appendix C-II			
Aerospace Products Manufacturing (SIC 372x, 376x)			Beryllium, Bromoform, t-Butyl acetate, Cadmium, Ethyl methacrylate, Flame retardants, Hafnium and compounds, Isocyanates, Nickel, Polychlorinated terphenyls
Aerospace Products Manufacturing (SIC 372x, 376x)	Research - see Chemical Manufacturing and Research & Development, Appendix C-II		
Aerospace Products Manufacturing (SIC 372x, 376x)	Surface Coating - see Solvent Use & Other Processes, Appendix C-I		
Agricultural Production (SIC 01xx, 02xx)			Ammonia, Ammonium chloride, Azoxystrobin, Chloramben, Chlordane, Chlorine, Diquat dibromide (and mixtures), Disodium cyanodithioimidocarbonate, EDB, Glyphosate, Hydrogen sulfide, Lead, Methylarsonic acid, Silica, delta-9-THC, Tribufos, All listed metals specified in Appendix A, All relevant pesticides that are listed substances as specified in Appendix A (see Note 19 of Appendix A)

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Agricultural Production (SIC 01xx, 02xx)	Agricultural Chemical Manufacturing - see Chemical Manufacturing, Appendix C-II		
Agricultural Production (SIC 01xx, 02xx)	Pesticide Use - see Other Processes, Appendix C-I		
Agricultural Production (SIC 01xx, 02xx)	Waste Burning - see Combustion, Appendix C-I		
Agricultural Services (SIC 07xx)	Crop Preparation Services for Market (SIC 0723)		Aluminum phosphide, Carbonyl sulfide, Diphenylamine, EPTC, Ethyl parathion, Ethylene, Fenamiphos, Fusarium, Imazail, Magnesium phosphide, Methyl bromide, Methylene chloride, 2-Phenylphenol, Propargyl alcohol, Sodium tetrathiocarbamate, Sulfuryl fluoride, Urethane, All relevant pesticides that are listed substances as specified in Appendix A (see Note 19 of Appendix A)
Agricultural Services (SIC 07xx)	Cotton Ginning (SIC 0724)		Ammonia, Arsenic
Aircraft Manufacturing - see Transportation Equipment Manufacturing, Appendix C-II			
Airports - see Transportation Stations, Appendix C-II			
Air Stripping - see Contaminated Soil/Water Remediation, Appendix C-I			
Almond Processing (SIC 0173)			Arsenic
Almond Processing (SIC 0173)	Combustion Processes - see Combustion, Appendix C-I		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Apparel Manufacturing - see Textile Mill, Appendix C-II			
Arsenic Mining - see Mining Non-Metals, Appendix C-II			
Artificial Flower Manufacturing (SIC 3999)			Toluene
Asbestos Milling/Processing - see Clay, Glass, & Stone Products, Appendix C-II			
Asbestos - see Mining Non-Metals, Appendix C-II			
Asphalt Materials Manufacturing (SIC 295x)			Biphenyl
Asphalt Materials Manufacturing (SIC 295x)	Asphalt Felts & Coatings - see Petroleum & Coal Products, Appendix C-II		
Asphalt Materials Manufacturing (SIC 295x)	Asphaltic Concrete Products (Including Asphalt Paving Materials Manufacturing) (SIC 2951)	Gaseous, aerosol, and particulate releases from Batch Plants and Continuous Plants, Paving Operations	Aluminum, Benzene, Benzofuran, Carbon tetrachloride, Dibenzofurans, Diethylenetriamine, Ethylene glycol, Ethylenediamine, Formaldehyde, 1-Methylnaphthalene, Methylnaphthalene (mixed), Mineral fibers (asbestos and related), Organics, PAHs and PAH-related compounds, Phosphorus pentoxide, POM, Silicon carbide whiskers, Special-purpose fibers, Toluene, 1,1,1-TCA, Xylenes, All listed metals specified in Appendix A
Asphalt Materials Manufacturing (SIC 295x)	Asphaltic Concrete Products (Including Asphalt Paving Materials Manufacturing) (SIC 2951)	Combustion Processes - see Combustion, Appendix C-I	

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Asphalt Materials Manufacturing (SIC 295x)	Asphaltic Concrete Products (Including Asphalt Paving Materials Manufacturing) (SIC 2951)	Surface Coating - see Solvent Use & Other Processes, Appendix C-I	
Asphalt Materials Manufacturing (SIC 295x)	Asphaltic Concrete Products (Including Asphalt Paving Materials Manufacturing) (SIC 2951)	Storage & Handling - see Liquid Storage & Transfer, Appendix C-I	
Auto Repair, Services & Garages - see Transportation Equipment, Appendix C-II			
Auto Parts Manufacturing - see Transportation Equipment, Appendix C-II			
Battery Production - see Metal Smelters, Appendix C-II			
Beauty Shops (SIC 7231)			Ethyl cyanoacrylate, Diethylene glycol monobutyl ether, EGDMA, Isobutyl methacrylate, Methacrylic acid, 4-Methoxyphenol, Methyl cyanoacrylate
Beryllium Mining - see Metal Smelters, Appendix C-II			
Bicycle Manufacturing/Repair - see Transportation Equipment, Appendix C-II			

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Boat Building/Repair - see Transportation Equipment (Ship & Boat Building), Appendix C-II			
Box Manufacturing (folding paperboard type) - see Paper & Allied Products Manufacturing, Appendix C-II			
Bulk Plants and Terminals (SIC 5171)	Any/all operations, especially Barrel Breathing, Barrel Filling, Barrel Standing, Barrel Withdraw, Valves, Vapor Collection/Control. Gaseous, aerosol, and particulate releases including but not limited to: From fixed roof tanks, variable vapor space tanks, floating roof tanks, flanges, pumps, and tank trucks		Benzene, Gasoline vapors, Specific Stored Substances listed in Appendix A-I or A-II
Burial Caskets Manufacturing (SIC 3995)			Toluene
Burning of Solid Waste (Open) - see Combustion, Appendix C-I			
Bus Manufacturing/Repair - see Transportation Equipment, Appendix C-II			
Button Manufacturing (SIC 3965)			Formaldehyde, Styrene and copolymers, Toluene, TCE

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Cadmium Plating - see Metal Plating, Appendix C-II			
Camper & Trailer Manufacturing - see Transportation Equipment, Appendix C-II			
Can Manufacturing - see Metal Product Fabrication, Appendix C-II			
Canned Food Product Manufacturing	Can Fabrication - see Metal Product Fabrication, Metal Cans, Appendix C-II		
Canned Food Product Manufacturing	Combustion Processes - see Combustion, Appendix C-I		
Canned Food Product Manufacturing	Food Processing - see Food Product Manufacturing, Appendix C-II		
Canned Food Product Manufacturing	Paper Labeling - see Wood Product Manufacturing, Appendix C-II		
Canned Food Product Manufacturing	Printing - see Printing & Publishing, Appendix C-II		
Canned Food Product Manufacturing	Sterilization - see Other Processes, Appendix C-I		
Canned Food Product Manufacturing	Surface Coating - see Solvent Use And Other Processes, Appendix C-I		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Car Manufacturing/Repair - see Transportation Equipment, Appendix C-II			
Carbon Black & Charcoal Manufacturing - see Chemical Manufacturing, Carbon, Appendix C-II			
Cement Manufacturing - see Clay, Glass, & Stone Products Manufacturing, Appendix C-II			
Ceramic Plants	Pottery & Related (China, Plumbing, Porcelain, Earthenware) - see Clay, Glass & Stone Products, Pottery & Related Products, Appendix C-II		
Ceramic Plants	Combustion Processes - see Combustion, Appendix C-I		
Charcoal Manufacturing - see Carbon, Appendix C-II			

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Gaseous, aerosol, and particulate releases from any/all operations, especially process reactor vessel, fugitives, storage, handling, ducted building exhaust, reagents and intermediates		Any of the following types of chemicals, listed in Appendix A-I, A-II, or A-III: FEEDSTOCK CHEMICAL(S), MANUFACTURED CHEMICAL(S), BY-PRODUCT CHEMICALS
Chemical Manufacturing (SIC 28xx)	Also see Combustion, Other Processes, Solvent Use, and Storage & Handling, Appendix C-I		
Chemical Manufacturing (SIC 28xx)	Miscellaneous (SIC 28xx, 2899)		Acetaldehyde, Acetic acid, Acrolein, Acrylonitrile, Ammonia, Aniline, Antimony trisulfide, Arsenic, Arsenic compounds (inorganic), Benzene, Beryllium, Bis(chloromethyl) ether, 1,3-Butadiene, Cadmium, Carbon black extracts, Carbon tetrachloride, Chlorine, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Chloroform, Chloropicrin, Chromium, Chromium hexavalent, Barium chromate, Copper, Cresol, Cyclododecane, Dibutyl phosphate, Diesel engine PM, Di(2-ethylhexyl) phthalate, Dimethyl glutarate, 1,1-Dimethylhydrazine, 1,4-Dioxane, Ethyl benzene, EDB, ETO, Hydrogen fluoride, Fluorocarbons (Chlorinated), Formaldehyde, Furfuryl alcohol, Glycol ethers and their acetates, Hexachlorobutadiene, Hydrochloric acid, Hydrogen chloride, Hydrogen sulfide, Isocyanates, Toluene diisocyanates, Isopropyl alcohol, Lead, Lead compounds (inorganic), Maleic anhydride, Manganese, Mercury, Methanol, Methyl bromide, Methyl ethyl ketone, Methylene chloride, mono-Nitroaniline, Nickel, 2-Nitropropane, PAHs and PAH-related compounds, Benzo[a]pyrene, Naphthalene, Perchloroethylene, Phenol, Phthalic anhydride, Propionaldehyde, Propylene oxide, Silica (crystalline, respirable), Sodium aluminum fluoride, Sodium hydroxide, Styrene, Sulfur tetrafluoride, Sulfuric acid, 1,1,1,2-Tetrachloroethane, Tetraethylene glycol, delta-9-THC, Toluene, 1,1,1-TCA, 1,1,2-TCA, TCE, 1,2,4-Trimethylbenzene, Vinyl chloride, Xylenes, Zinc, Zinc oxide, All listed substances specified in Appendix A

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Acids Manufacturing (SIC 2899)		Acetaldehyde, Acrolein, Copper, Cresols, Hexachlorocyclopentadiene, Hydrochloric acid, Phenol, Toluene, Xylenes
Chemical Manufacturing (SIC 28xx)	Adhesives & Sealants Manufacturing (SIC 2891)		Acrylamide, Acrylic acid, Adipic acid, Allyl methacrylate, Aluminum diethyl phosphinate, Ammonia, Ammonium chloride, Antimony trioxide, Arsenic, Arsenic pentoxide, Barium sulfate, Benzaldehyde, Benzene, Benzofuran, Biphenyl, Bromonaphthalene, t-Butyl acetate, n-Butyl alcohol, sec-Butyl alcohol, tert-Butyl alcohol, n-Butyl glycidyl ether, Chloromethyl methyl ether, 4-Chloro-o-phenylenediamine, 4-Chlorophenol, Chloroprene, Cobalt octoate, Cyclosiloxanes, D4, Diethylenetriamine, Di(2-ethylhexyl) phthalate, Diglycidyl ether, Dimethyl carbonate, Dimethyl glutarate, Dimethyl hydrogen phosphite, Dimethyl-p-toluidine, 1,4-Dioxane, Epoxy resins, Ethyl acetate, Ethyl benzene, Ethyl mercaptan, Ethylene, EDC, Ethylene glycol, Ethyleneimine, Ethylidene dichloride, Flame retardants, Fludioxonil, Formamide, Glutaraldehyde, Glyceraldehyde, Glycol ethers and their acetates, Hexane, Iodoform, Isobutyl alcohol, Isocyanates, Isoprene, Isopropyl alcohol, Lead, Methacrylic acid, Methyl ethyl ketone, Methyl methacrylate, 2-Methylaziridine, Methylene bis(4-cyclohexylisocyanate), Methylene chloride, Mineral fibers (asbestos and related), Nitromethane, 2-Nitropropane, Nitrosomorpholine, N,N-Dimethylacetamide, Novolac resins, PCBTF, Perchloroethylene, Perfluoro and polyfluoro compounds, PFOA, Tri-n-butyl phosphate, Triorthocresyl phosphate, Phthalates, n-Propyl bromide, Quinone, Silica (crystalline, respirable), Sodium fluoride, Styrene and copolymers, Styrene oxide, Succinic anhydride, Terephthalic acid, 3,3',4,4'-Tetrachlorobiphenyl, Tetrahydrophthalic anhydride, 4-t-Octylphenol, Toluene, m-Toluidine, 1,1,1-TCA, 1,1,2-TCA, TCE, Triethylamine, Trimellitic anhydride, 1,3,5-Trimethylbenzene, Trimethylolpropane triacrylate, Vinyl acetate, Vinyl chloride, 4-Vinylcyclohexene, Vinylidene chloride, N-Vinyl-2-pyrrolidone, Xylenes
Chemical Manufacturing (SIC 28xx)	Aerospace Chemical Manufacturing		Arsenic, Bromine pentafluoride, t-Butyl acetate, Chloroform, Chlorotrifluoromethane, EDC, Isocyanates, Phosgene, Toluene
Chemical Manufacturing (SIC 28xx)	Agricultural Chemical Manufacturing (SIC 287x)		Acetic anhydride

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Agricultural Chemical Manufacturing (SIC 287x)	Miscellaneous (SIC 287x)	Acetaldehyde, Acetoacetanilide, Acrolein, Acrylonitrile, Aldicarb, Ammonia, Arsenic, Azoxystrobin, Benzene, Benzenethiol, p-Benzoquinone dioxime, Benzotrifluoride, Bis(tributyltin) oxide, Bromine, Bromonaphthalene, 1,3-Butadiene, Cadmium, Carbaryl, Carbon disulfide, Carbon tetrachloride, Catechol, Chloramben, Chlordane, Chlorine, p-Chloroaniline, Chlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Chloroform, 1-Chloro-4-nitrobenzene, p-Chloro-o-toluidine, 2-Chlorophenol, 2,4,6-Trichlorophenol, Copper, Cresol, 2,3-Dibromo-1-propanol, Dichloroacetic acid, Diethyl sulfate, Dimethyl sulfate, Di-n-propyl isocinchomerate, Diquat dibromide (and mixtures), Disodium cyanodithioimidocarbonate, Endrin, Ethyl mercaptan, EDB, EDC, ETO, Ethyleneimine, Formaldehyde, Glycol ethers and their acetates, Glyphosate, Hexachlorobenzene, Hexachlorocyclopentadiene, Hexafluoroacetone, Hydrazine, Hydrogen chloride, Hydrogen sulfide, Imazalil, Isocyanates, Methyl isocyanate, Lead, Magnesium phosphide, Maleic anhydride, Mercury, Methyl bromide, Methylarsonic acid, Methylene chloride, 2-Methylimidazole, 4-Methylimidazole, 2-Methylpyridine, Molybdenum trioxide, beta-Naphthol, Nitrapyrin, Nitrotoluenes, PAHs and PAH-related compounds, Naphthalene, Phenol, o-Phenylenediamine dihydrochloride, Phorate, Phosgene, Phosmet, Phthalic anhydride, Silica (crystalline, respirable), Styrene and copolymers, Styrene oxide, Succinic anhydride, 1,1,1,2-Tetrachloroethane, Thioglycolic acid and salts, Tris(2-methyl-1-aziridinyl)phosphine oxide, Vinyl chloride, Xylenes, Zinc, Zinc oxide
Chemical Manufacturing (SIC 28xx)	Agricultural Chemical Manufacturing (SIC 287x)	Alkali Manufacturing - see Chemical Manufacturing, Industrial Inorganics, Alkalies & Chlorine, Appendix C-II	
Chemical Manufacturing (SIC 28xx)	Agricultural Chemical Manufacturing (SIC 287x)	Fertilizers (SIC 287x)	Ammonia, Ammonium nitrate, Ammonium sulfate, Biphenyl, Cobalt, Cobalt chloride (hexahydrate), Formaldehyde, Hydrogen sulfide, Magnesium oxide, Mercury, Metal compounds, Methanol, Nitrapyrin, Nitric acid, Phosphorus, Potassium phosphite, Selenium, Sodium hydroxide, Sulfuric acid, Tribufos
Chemical Manufacturing (SIC 28xx)	Agricultural Chemical Manufacturing (SIC 287x)	Fertilizers, Nitrogenous (SIC 2873)	Ammonia, Ammonium nitrate, Ammonium sulfate, Cadmium, Hydrogen sulfide, Lead, Nickel, Nitric acid

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Agricultural Chemical Manufacturing (SIC 287x)	Fertilizers, Phosphatic (SIC 2874)	Ammonia, Ammonium sulfate, Arsenic, Cadmium, Hydrogen sulfide, Phosphorus, Phosphoric acid, Sulfur
Chemical Manufacturing (SIC 28xx)	Agricultural Chemical Manufacturing (SIC 287x)	Fertilizers, Mixing Only (SIC 2875)	Ammonia, Ammonium sulfate, Arsenic, Sodium Arsenate
Chemical Manufacturing (SIC 28xx)	Aldehyde Manufacturing (SIC 2869)		Aldehydes, Toluene
Chemical Manufacturing (SIC 28xx)	Anti corrosives Manufacturing		Cresols, Hydrazine
Chemical Manufacturing (SIC 28xx)	Bases Manufacturing		Ammonia, Bromine, Hydrazine, Sodium hydroxide, 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane
Chemical Manufacturing (SIC 28xx)	Carbon Black & Charcoal Manufacturing (SIC 2895)		Ammonia, Coal tar, Cobalt, Formaldehyde, Hydrogen sulfide, PAHs and PAH-related compounds, Benzo[a]pyrene, POM, All listed metals specified in Appendix A
Chemical Manufacturing (SIC 28xx)	Chemical Preparations (SIC 2899)		Ammonia, Arsenic, Benzene, Bromine, Hydrogen bromide, tert-Butyl hydroperoxide, Cadmium, Chlorine, 1,2,4-Trichlorobenzene, 2-Chloropropanal, Chromium, Copper, Cyanogen chloride, Cyclododecane, Dichloroacetylene, Dimethyl carbamoyl chloride, Ethylene, Formaldehyde, Hexachlorocyclopentadiene, Hydrazine, Hydrogen chloride, Hydrogen sulfide, Isocyanates, Methyl isocyanate, Lead, Maleic anhydride, Methyl methacrylate, p-Nitroaniline, Perchloroethylene, Radionuclides, Shale oils, Styrene and copolymers, Sulfur dioxide, 1,1,1,2-Tetrachloroethane, Tetrafluoroethylene, Toluene, TCE, Vinyl chloride, Xylenes, Zinc, Zinc oxide

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Chemical Reagents & Intermediates		<p>Acetaldehyde, Acetamide, Acetic acid, Acetoacetanilide, Acetonitrile, Acrolein, Acrylamide, Allyl bromide, Allyl chloride, Allyl methacrylate, Aluminum, Aluminum phosphide, Ammonia, o-Anisidine, Anthraquinone, Antimony trisulfide, Arsine, ATE, Benzene, Benzenesulfonic acid, Benzenethiol, Benzidine and its salts, Benzotrifluoride, Benzotrichloride, Benzoyl chloride, Benzyl chloride, Biphenyl, 2,2-Bis(bromomethyl)-1,3-propanediol, Bis(2-chloroethyl) ether, Bis(chloromethyl) ether, Boron tribromide, Boron trifluoride complexes, Bromine, Hydrogen bromide, Potassium bromate, Bromine pentafluoride, 1-Bromo-3-chloropropane, Bromodichloromethane, Bromoethane, Bromonaphthalene, 1,3-Butadiene, n-Butyl alcohol, sec-Butyl alcohol, gamma-Butyrolactone, n-Butyronitrile, Cadmium, Cadmium chloride, Carbon disulfide, Carbon tetrachloride, Carbonyl fluoride, Carbonyl sulfide, Cerium, Chloral, Chloramine, Chlorine, Chlorine dioxide, 2-Chloroacetophenone, p-Chloroaniline, Chlorobenzenes, Chlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Tetrachlorobenzene (mixed isomers), 1,2,3,4-Tetrachlorobenzene, 1,2,4,5-Tetrachlorobenzene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Chloroform, Chloromethyl methyl ether, 1-Chloro-2-nitrobenzene, 1-Chloro-4-nitrobenzene, 3-Chloronitrobenzene, 4-Chloro-o-phenylenediamine, p-Chloro-o-toluidine, Chlorophenols, 2,4-Dichlorophenol, 2,5-Dichlorophenol, 2,4,6-Trichlorophenol, p-Chlorotoluene, Chromium hexavalent, Chromium trioxide, Chromium (III) Sulfate, Cobalt compounds, Cobalt octoate, p-Cresidine, Cresols, Crotonaldehyde, Cumene, Cumene hydroperoxide, Cupferron, Cyanamide, Cyanide compounds (inorganic), Cyanoacetic acid, Cyclododecane, Cyclohexane, Cyclohexanol, Cycloheximide, Cyclosiloxanes, Diazomethane, Dibromochloromethane, 1,4-Dichloro-2-butene, 1,2-Dichloroethylene (cis, trans), 2,4-Dichloro-1-nitrobenzene, 1,2-Dichloropropane, 1,3-Dichloro-2-propanol, 1,3-Dichloropropene, Diethanolamine, Diethyl sulfate, Diethylenetriamine, Diisopropyl sulfate, Dimethyl carbamoyl chloride, Dimethyl carbonate, Dimethyl disulfide, Dimethyl formamide, Dimethyl glutarate, Dimethyl hydrogen phosphite, Dimethyl sulfate, 1,1-Dimethylhydrazine, Dimethyl-p-toluidine, 4,6-Dinitro-o-cresol (and salts), 2,4-Dinitrophenol, 1,8-Dinitropyrene, Dinitrotoluenes (mixed isomers), 1,4-Dioxane, Dioxins, 1,3-Dioxolane, Diphenyl thiourea, Diphenylamine, 1,2-Diphenylhydrazine, Epichlorohydrin, 1,2-Epoxybutane, Ethyl benzene, Ethyl chloride, Ethyl mercaptan, Ethyl methacrylate, N-Ethylaniline, o-Ethylaniline, EDB, EDC, ETO, Ethylene sulfide, Ethylenediamine, Ethyleneimine, Ethylidene dichloride, Flame retardants, Hydrogen fluoride, Fluorocarbons (Chlorinated), Formaldehyde, Formamide, Formic acid, Furan, Glutaraldehyde, Glycol ethers and their acetates, Glycolonitrile, Glyoxal, Heptane, Hexachlorobenzene, Hexafluoropropylene, Hexahydrophthalic anhydride, Hexane, 2,5-Hexanedione, Hydrochloric acid, Hydrogen peroxide (>5%), Hydrogen sulfide, Hydrogenated terphenyls (nonirradiated), Iodine, Iodoform, Isobutyl acrylate, Isobutyl alcohol, Isobutyl nitrite, Isobutylene, Isobutyronitrile, Toluene diisocyanates, Isophorone, Isopropyl alcohol, Isopropyl glycidyl ether, Ketene, Lead acetate, Lead subacetate, Magnesium oxide, Mercuric chloride, Methanol, Methyl acrylate, Methyl chloride, Methyl ethyl ketone, Methyl hydrazine, MIBK, Methyl isopropyl ketone, Methyl methacrylate, Methyl phenyl carbinol, MTBE, Methyl triflate, Methylacrylonitrile, 9-Methylanthracene, 2-Methylaziridine, 4,4'-Methylenedianiline (and dichloride), Methylhydrazine sulfate, 2-Methylacetonitrile, 2-Methylpyridine, Michler's ketone, Molybdenum trioxide, mono-Nitroaniline, Morpholine, Nickel, Nickel compounds, Nitrilotriacetic acid, p-Nitroaniline, o-Nitroanisole, p-Nitroanisole, Nitrobenzene, 4-Nitrobiphenyl, 4-Nitrochlorobenzene, 1-Nitronaphthalene, 2-Nitronaphthalene, 4-Nitrophenol, 2-Nitropropane, N-Nitrosodiphenylamine, p-Nitrosodiphenylamine, N-Nitrosomorpholine, N-Nitroso-N-methylurea, Nitrotoluenes, N,N-Dimethylaniline, 1-Octanethiol, Octylphenol, Oleum, PAHs and PAH-related compounds, Naphthalene, Palladium, Paraformaldehyde, PCBTF, Pentaborane, Pentachlorobenzene, Pentachloronitrobenzene, 1-Pentanethiol, Perchloroethylene, ADONA, Perfluoroisobutylene, p-Phenetidine, Phenol, o-Phenylenediamine and its salts, p-Phenylenediamine, Phenylhydrazine and its salts, Phenylphosphine, Phosgene, Phosphorus, Phosphine, Phosphorus oxychloride, Phosphorus pentachloride, Phosphorus pentoxide, Triethylphosphine, Triphenyl phosphite, Phthalic acid, Phthalic anhydride, Phthalimide, beta-Picoline, Platinum, Polychlorinated dibenzofurans, 1,3-Propane sultone, 1-Propanethiol, Propargyl alcohol, Propionaldehyde, Propionitrile, n-Propyl alcohol, n-Propyl bromide,</p>

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
			<p>Propylene, Pyridine, Quinoline, Quinone, Hydrogen selenide, Selenium hexafluoride, Sodium chlorite, Sodium hydroxide, Sodium methoxide, Styrene oxide, Succinic anhydride, Sulfur tetrafluoride, Sulfur trioxide, Sulfuric acid, Sulfuryl fluoride, Terephthalic acid, p-tert-Butyl toluene, Tetrabromobisphenol A, Tetrabromophthalic anhydride, 1,1,2,2-Tetrachloroethane, Tetraethyllead, Tetrafluoroethylene, Tetramethylethylenediamine, Tetramethyllead, Thallium, Thioacetamide, Thionyl chloride, Tin, Tin oxide, Titanium dioxide, Titanium tetrachloride, 4-t-Octylphenol, Toluene, m-Toluidine, o-Toluidine, trans-1,4-Dichlorobutene, 2,4,6-Trichloroaniline, 1,1,2-TCA, TCE, 1,2,3-Trichloropropane, Trimethyl phosphite, Trimethylamine, 1,2,3-Trimethylbenzene, 1,2,4-Trimethylbenzene, 2,2,4-Trimethylpentane, Uranium and compounds, Urethane, Vanadium pentoxide, Vinyl acetate, Vinyl cyclohexene dioxide, Vinyl fluoride, 4-Vinylcyclohexene, Vinylidene chloride, Xylenes, 2,4-Xylidine, Zinc</p>
Chemical Manufacturing (SIC 28xx)	Chlorine (Electrolytic) Production (SIC 2812)		Tetrachlorobenzene (mixed isomers), 1,2,3,4-Tetrachlorobenzene, 1,2,4,5-Tetrachlorobenzene, Mercury

**APPENDIX C-II
 FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Chlorine (Electrolytic) Production	Also see Chemical Manufacturing, Industrial Inorganics, Alkalies & Chlorine, Appendix C-II	
Chemical Manufacturing (SIC 28xx)	Combustion Processes - see Combustion, Appendix C-I		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Drug/Pharmaceutical Manufacturing (SIC 283x)	Miscellaneous. Any/all operations, especially Blender, Drying Ovens, Formulator, Other Process Reactors (SIC 283x, 2834)	Acetoacetanilide, Acetonitrile, Acetophenone, Acrylic acid, Acrylonitrile, Allyl chloride, Allyl isothiocyanate, 1-Amino-2,4-dibromoanthraquinone, Ammonia, Aniline, o-Anisidine, Anthranilic acid, Arsenic, Arsenic trioxide, Benzaldehyde, Benzene, Benzenesulfonic acid, Benzenethiol, Benzyl chloride, Bis(2-chloroethyl) ether, Bis(2-chloro-1-methylethyl) ether, Bromine, Bromoethane, Bromoform, Carbon nanotubes, Carbon tetrachloride, Carrageenan, Catechol, Chlorine, Chloroacetonitrile, 2-Chloroacetophenone, p-Chloroaniline, Chlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Chloroform, 4-Chlorophenol, Chromium, Cresols, Cycloheximide, 2,3-Dibromo-1-propanol, Dichloroacetic acid, Dichloroaniline (mixed isomers), 1,2-Dichloroethylene (cis, trans), Diethanolamine, Diethyl sulfate, 2,6-Diethylaniline, Diethylenetriamine, Dimethyl carbamoyl chloride, Dimethyl carbonate, Dimethyl formamide, Dimethyl sulfate, Dimethylamine, 1,4-Dioxane, Diphenylamine, Disulfiram, 1-Dodecanethiol, Epichlorohydrin, Ethyl chloride, Ethyl cyanoacrylate, Ethyl mercaptan, o-Ethylaniline, EDB, EDC, Ethylene glycol, Ethylene thiourea, Formaldehyde, Formamide, Furan, Gentian Violet, Ethylene glycol monophenyl ether, Glycolonitrile, Heptane, Hexachlorocyclopentadiene, 2,4-Hexadienal, Hexamethylenetetramine, Hexane, Hydrazine, Hydrochlorothiazide, Hydrogen chloride, Iodine, Iodoform, Isobutyl alcohol, Isobutyl nitrite, Isoprene, Lanthanum, Lauroyl peroxide, Lead, Malononitrile, Mercury, Methanol, Methyl acrylate, Methyl carbamate, Methyl cyanoacrylate, Methyl ethyl ketone, Methyl ethyl ketone peroxide, Methyl hydrazine, Methyl iodide, MIBK, Methyl isopropyl ketone, Methyl methacrylate, Methylamine, 2-Methylaziridine, Methylene chloride, 2-Methylimidazole, 4-Methylimidazole, 2-Methylactonitrile, 2-Methylpyridine, 5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)-amino]-2-oxazolidinone, 1,5-Naphthalenediamine, beta-Naphthol, o-Nitroaniline, p-Nitroaniline, o-Nitroanisole, Nitrobenzene, Nitrogen mustard N-oxide hydrochloride, 1-Nitronaphthalene, 4-Nitrophenol, 2-Nitropropane, p-Nitrosodiphenylamine, N,N-Dimethylacetamide, N,N-Dimethylaniline, PAHs and PAH-related compounds, 2-Methylnaphthalene, Parabens, PCBTF, Perchloroethylene, Phenol, Phenylhydrazine and its salts, Phosgene, Phosphorus oxychloride, Phosphorus trichloride, Triorthocresyl phosphate, Phthalates, beta-Picoline, Propargyl alcohol, Propionitrile, n-Propyl alcohol, n-Propyl bromide, Pyridine, Quinoline, Quinone, Reserpine, Silica (crystalline, respirable), Silver, Sodium methoxide, Styrene and copolymers, Sulfur tetrafluoride, Sulfuryl fluoride, Terephthalic acid, Tetrachlorophthalic-anhydride, Thioacetamide, Thiourea, Toluene, Toluene sulfonic acids, o-Toluidine, 1,1,1-TCA, TCE, 1,2,4-Trimethylbenzene, Tris(1-aziridinyl)phosphine oxide, Urethane, Vinylidene chloride, N-Vinyl-2-pyrrolidone, Xylenes, o-Xylene, Xylidine, 2,4-Xylidine, Zinc, Zinc oxide, All listed substances specified in Appendix A
Chemical Manufacturing (SIC 28xx)	Drug/Pharmaceutical Manufacturing (SIC 283x)	Biological Products (SIC 2836)	Arsenic, Benzene, 3-Chlorophenol, Cycloheximide, EDC, Lead, beta-Propiolactone, 1,1,1-TCA

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Drug/Pharmaceutical Manufacturing (SIC 283x)	Medicinals & Botanicals (SIC 2833)	Acetonitrile, Acrolein, Acrylonitrile, Ammonia, Arsenic, Arsenic trioxide, Benzene, Benzoyl peroxide, Benzyl alcohol, Bis(2-chloroethyl) ether, n-Butyl alcohol, tert-Butyl alcohol, n-Butyronitrile, Carbon tetrachloride, Chlorine, Chloroprene, Coal tar, Cobalt chloride (hexahydrate), Cobalt octoate, Diphenylhydantoin, EDC, Formaldehyde, Glutaraldehyde, Hexachlorophene, Hexafluoroacetone, Hydrochlorothiazide, Hydrogen chloride, Iodine, Lead, Magnesium oxide, Malononitrile, 2-Mercaptobenzothiazole, Mercury, Methyl acrylate, Methyl bromide, Methyl methacrylate, 2-Methylaziridine, Methylene chloride, Oxybenzone, PAHs and PAH-related compounds, p-Phenetidine, Phenol, Propylene glycol dinitrate, Ribavirin, Sodium chlorite, Sodium fluoride, Styrene and copolymers, Succinic anhydride, Sulfamethazine, Tamoxifen citrate, p-tert-Butyl toluene, delta-9-THC, Thioglycolic acid and salts, Toluene, o-Toluidine, Trientine hydrochloride, Vinylidene chloride, p-Xylene
Chemical Manufacturing (SIC 28xx)	Drug/Pharmaceutical Manufacturing (SIC 283x)	Combustion Processes - see Combustion, Appendix C-I	
Chemical Manufacturing (SIC 28xx)	Drug/Pharmaceutical Manufacturing (SIC 283x)	Solvents - see Solvent Use, Appendix C-I	
Chemical Manufacturing (SIC 28xx)	Drug/Pharmaceutical Manufacturing (SIC 283x)	Sterilizers - see Sterilizers, Appendix C-I	
Chemical Manufacturing (SIC 28xx)	Drug/Pharmaceutical Manufacturing (SIC 283x)	Tanks - see Liquid Storage & Transfer, Appendix C-I	

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Dyes Manufacturing (SIC 2865)		<p>Acetoacetanilide, Acetophenone, Acrylamide, Allyl bromide, Aluminum phosphide, 4-Aminobiphenyl, 2-Amino-4-nitrophenol, 2-Amino-5-nitrophenol, Ammonium nitrate, Aniline, Aniline hydrochloride, o-Anisidine, Anthracene oil or paste, Anthranilic acid, Anthraquinone, Benzaldehyde, Benzene, Benzenethiol, Benzidine, Benzidine and its salts, Direct Black 38, Direct Blue 6, Direct Blue 218, Direct Brown 95, Benzoyl chloride, Benzyl chloride, Bis(2-chloro-1-methylethyl) ether, Bromine, 2-Bromopropane, n-Butyl alcohol, sec-Butyl alcohol, Carbazole, Catechol, Chloroacetic acid, p-Chloroaniline, Chlorobenzenes, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Chloroform, 2-Chloronaphthalene, 1-Chloro-2-nitrobenzene, 1-Chloro-4-nitrobenzene, 3-Chloronitrobenzene, p-Chloro-o-toluidine hydrochloride, p-Chloro-o-toluidine, 2-Chlorophenol, 4-Chlorophenol, p-Chlorotoluene, Chromium hexavalent, Sodium dichromate, m-Cresidine, p-Cresidine, Cresols, Cyanide compounds (inorganic), N-Nitrosodiethylamine, 2,4-Diaminoanisole, 1,2-Diamino-4-nitrobenzene, 1,4-Diamino-2-nitrobenzene, 2,4-Diaminotoluene, 2,5-Diaminotoluene, Dibenzofurans, Dichloroaniline (mixed isomers), 3,3'-Dichlorobenzidine dihydrochloride, 3,3'-Dichlorobenzidine, 1,2-Dichloroethylene (cis, trans), 2,6-Dichloro-p-phenylenediamine, Diethyl sulfate, 2,6-Diethylaniline, 3,3'-Dimethoxybenzidine, Dimethyl carbamoyl chloride, Dimethyl sulfate, Dimethylamine, 3,3'-Dimethylbenzidine dihydrochloride, 3,3'-Dimethylbenzidine, Dimethyl-p-toluidine, 2,4-Dinitrophenol, Dinitrotoluenes (mixed isomers), Dioxane, 1,4-Dioxane, Diphenyl thiourea, Diphenylamine, 1,2-Diphenylhydrazine, Epichlorohydrin, Ethyl chloride, N-Ethylaniline, o-Ethylaniline, EDB, ETO, Ethylene thiourea, Ethylenediamine, Hydrogen fluoride, Formamide, Furfuryl alcohol, Glutaraldehyde, Glycol ethers and their acetates, Hexachlorocyclopentadiene, 2,4-Hexadienal, Hexamethylenetetramine, Hydrazine, Hydrochloric acid, 4-Hydroxyazobenzene, Iodine, Lead acetate, Malononitrile, meta-Phenylenediamine, Methyl isopropyl ketone, Methyl phenyl carbinol, Methylamine, Methylene chloride, 4,4'-Methylenedianiline (and dichloride), 2-Methylimidazole, 4-Methylimidazole, 1-Methylnaphthalene, Methylnaphthalene (mixed), 2-Methylpyridine, Michler's ketone, Myclobutanil, alpha-Naphthalene sulfonic acid, beta-Naphthalene sulfonic acid, 1,5-Naphthalenediamine, beta-Napthol, Nitric acid, p-Nitroaniline, o-Nitroanisole, Nitrobenzene, 1-Nitronaphthalene, 5-Nitro-o-toluidine, 4-Nitrophenol, 2-Nitropropane, p-Nitrosodiphenylamine, Nitrotoluenes, N,N-Dimethylaniline, Oleum, PAHs and PAH-related compounds, PCBTF, Perchloromethyl mercaptan, p-Phenetidine, Phenol, Phenylhydrazine and its salts, Phosgene, Phosphoric acid, Phosphorus oxychloride, Phosphorus pentachloride, Phosphorus trichloride, Phthalic acid, Phthalic anhydride, Phthalimide, Phthalonitrile, beta-Picoline, POM, Pyridine, Quinoline, Quinone, Succinic anhydride, Sulfuric acid, Sulfuryl fluoride, Tetrachlorophthalic-anhydride, Thioacetamide, Thionyl chloride, Thiourea, 4-t-Octylphenol, m-Toluidine, o-Toluidine, TCE, Trimellitic anhydride, 2,4,5-Trimethylaniline and its strong acid salts, 2,4,6-Trimethylaniline, 1,2,3-Trimethylbenzene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl chloride, Vinylidene chloride, m-Xylene, o-Xylene, Xylidine, 2,4-Xylidine, 2,5-Xylidine</p>

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Elastomer & Surfactant Manufacturing		Chloroacetic acid, p-Cresol, Cyclosiloxanes, Epichlorohydrin, Diethylene glycol, Hexachlorobutadiene, Hexafluoropropylene, Isocyanates, Toluene diisocyanates, 1,5-Naphthalenediamine, N,N'-Diethylthiourea, Nonylphenol ethoxylates, o-Phenylenediamine and its salts, Phosphorus pentoxide, Propylene oxide, Succinic anhydride
Chemical Manufacturing (SIC 28xx)	Ethers Manufacturing (SIC 2869)		Dimethyl sulfate, Furfuryl alcohol, Isopropyl glycidyl ether, 2-Methylaziridine, Nitrobenzene, Propylene oxide
Chemical Manufacturing (SIC 28xx)	Ethylene dichloride Production	Any/all operations, especially Oxychlorination, Air & Oxygen Process, Vents, Storage	Carbon tetrachloride, Chloroform, EDC
Chemical Manufacturing (SIC 28xx)	Explosives (SIC 2892)		Acetaldehyde, Acetamide, Aluminum, Ammonia, Ammonium chloride, Ammonium nitrate, Aniline, Antimony, Arsenic, Potassium bromate, Carbon disulfide, Cresols, Cyclonite, Dibutyl phthalate, Di-n-pentyl phthalate, 1,4-Dioxane, Diphenylamine, N-Ethylaniline, Ethylene glycol, Ethylene glycol dinitrate, Formaldehyde, Hexachloroethane, Hydrazine, Lead, Mercury, Myclobutanil, Nitric acid, Nitrobenzene, Nitromethane, 1-Nitronaphthalene, 2-Nitropropane, Nitrotoluenes, Oleum, PAHs and PAH-related compounds, Phenanthrene, Phenol, Phosphorus, Propylene glycol dinitrate, Pyridine, Sulfur, Sulfur trioxide, Sulfuric acid, Toluene
Chemical Manufacturing (SIC 28xx)	Fertilizers - see Chemical Manufacturing (Agricultural), Appendix C-II		
Chemical Manufacturing (SIC 28xx)	Flame Retardants Manufacturing (SIC 2899)		Antimony, Antimony trioxide, Bisphenol-related chemicals, Bromine, 2,3-Dibromo-1-propanol, Flame retardants, Fluorocarbons (Brominated), Hexachlorocyclopentadiene, Melamine, Methyl iodide, Phosphine, Succinic anhydride, 3,3',4,4'-Tetrachlorobiphenyl, Trimethyl phosphite, Vinyl bromide
Chemical Manufacturing (SIC 28xx)	Fluorocarbon Manufacturing	Any/all operations, especially Reactor Venting, Distillation, Vents, Storage	Carbon tetrachloride, Chloroform, Fluorocarbons (Chlorinated), Perfluoro and polyfluoro compounds

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Industrial Inorganic Chemical Manufacturing (SIC 281x)	Miscellaneous (SIC 281x, 2819)	Acetaldehyde, Acrolein, Acrylonitrile, Allyl chloride, Ammonia, Arsenic, Benzene, Benzidine, Benzidine and its salts, Benzyl chloride, Beryllium sulfate, Bromine, 1,3-Butadiene, Cadmium, Calcium oxide, Carbon tetrachloride, Chlorine, Chlorobenzene, 1,4-Dichlorobenzene, Chloroform, 3-Chlorophenol, Chromium, Chromium (III) Sulfate, Copper, Dimethylamine, 1,1-Dimethylhydrazine, 1,4-Dioxane, Epichlorohydrin, EDB, EDC, ETO, CFC-113, Formaldehyde, Gasoline vapors, Hexachlorobenzene, Hexachloropentadiene, Hydrochloric acid, Hydrogen chloride, Hydrogen sulfide, Isocyanates, Methyl isocyanate, Toluene diisocyanates, Lead, Maleic anhydride, Manganese, Mercury, Methyl methacrylate, Methylene chloride, Mineral fibers (asbestos and related), Nickel, p-Nitroaniline, Nitrobenzene, Nitrosomorpholine, N,N-Dimethylacetamide, PAHs and PAH-related compounds, Naphthalene, PCBs, Pentaborane, Perchloroethylene, Phenol, Phosgene, Phosphorus, Phthalic anhydride, Propylene oxide, Radionuclides, Selenium hexafluoride, Sodium fluoride, Styrene and copolymers, 1,1,1,2-Tetrachloroethane, Toluene, 1,1,1-TCA, TCE, Vinyl chloride, Vinylidene chloride, Xylenes, Zinc, Zinc oxide
Chemical Manufacturing (SIC 28xx)	Industrial Inorganic Chemical Manufacturing (SIC 281x)	Alkalies & Chlorine (SIC 2812)	Ammonia, Arsenic, Benzene, 1,3-Butadiene, Carbon tetrachloride, Chlorine, Chlorobenzene, Tetrachlorobenzene (mixed isomers), 1,2,3,4-Tetrachlorobenzene, 1,2,4,5-Tetrachlorobenzene, 3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone, Chloroform, Formaldehyde, Hydrogen chloride, Mercury, Mineral fibers (asbestos and related), Phosgene, 1,1,1,2-Tetrachloroethane, Toluene, TCE, Vinyl chloride, Vinylidene chloride
Chemical Manufacturing (SIC 28xx)	Industrial Inorganic Chemical Manufacturing (SIC 281x)	Industrial Gases (SIC 2813)	Arsenic, Beryllium, Carbon tetrachloride, ETO, Hydrogen chloride, Mercury, Selenium hexafluoride

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Industrial Inorganic Chemical Manufacturing (SIC 281x)	Pigments, Inorganic (SIC 2816)	Acetoacetanilide, Aluminum phosphide, Ammonia, Anthraquinone, Antimony trioxide, Antimony trisulfide, Arsenic, Arsenic pentoxide, n-Butyl alcohol, sec-Butyl alcohol, Cadmium, Cadmium chloride, Chloroacetic acid, p-Chloroaniline, Chloroform, 2,4-Dichlorophenol, Chromium, Chromium hexavalent, Barium chromate, Calcium chromate, Sodium dichromate, Strontium chromate, Chromium (III) Sulfate, Cobalt octoate, Copper, m-Cresidine, p-Cresidine, 2,4-Diaminoanisole, 3,3'-Dichlorobenzidine dihydrochloride, 1,4-Dichloro-2-nitrobenzene, Dimethyl sulfate, 1,4-Dioxane, Hydrazine, Hydrogen chloride, Iron oxide, Lead, Lead acetate, Molybdenum trioxide, beta-Naphthol, p-Nitroaniline, Nitrotoluenes, Phenyl ether-biphenyl mixture (vapor), Tin oxide, Titanium dioxide, Titanium tetrachloride, o-Toluidine, Zinc, Zinc oxide
Chemical Manufacturing (SIC 28xx)	Inks (SIC 2893)		Barium sulfate, t-Butyl acetate, Chromium hexavalent, Lead chromate, Epichlorohydrin, Lead acetate, Octylphenol, PCBTF
Chemical Manufacturing (SIC 28xx)	Inks (SIC 2893)	Miscellaneous	Acrylic acid, t-Butyl acetate, n-Butyl alcohol, sec-Butyl alcohol, Catechol, Chromium (III) Sulfate, Dimethoxane, Dioxane, Ethylene, Ethylene glycol, Isophorone, Isopropyl alcohol, PCBTF, Tri-n-butyl phosphate, Toluene, Trimethylolpropane triacrylate, Vanadium pentoxide, N-Vinyl-2-pyrrolidone
Chemical Manufacturing (SIC 28xx)	Inks (SIC 2893)	Printing (SIC 2893)	Aluminum, 1-Amino-2,4-dibromoanthraquinone, Ammonia, Aniline hydrochloride, Arsenic, Barium, Barium sulfate, Benzene, Benzophenone, Bisphenol-related chemicals, Cadmium, Cobalt, Cobalt octoate, Copper, 3,3'-Dichlorobenzidine, Formaldehyde, Glycol ethers and their acetates, Isocyanates, Isopropyl alcohol, Lead, Methyl ethyl ketone, MIBK, PCBTF, Perchloroethylene, Phthalates, n-Propyl alcohol, Silica (crystalline, respirable), Sulfuric acid, Titanium dioxide, Toluene, TCE, Trimellitic anhydride, Vinyl chloride, Xylenes, p-Xylene, Zinc, Zinc oxide
Chemical Manufacturing (SIC 28xx)	Metal Chelating Agent Manufacturing, Corrosion Inhibitor, Metal Treatment Chemicals		gamma-Butyrolactone, Chlorinated diphenyl oxide, Chromium hexavalent, Calcium chromate, Sodium dichromate, Cupferron, Decaborane, Diethylenetriamine, Dimethyl glutarate, Ethylenediamine, Formaldehyde, Hexahydrophthalic anhydride, Hexamethylenetetramine, Hydrazine, Hydrogen sulfide, Hydroquinone, 2-Mercaptobenzothiazole, 4,4'-Methylenedianiline (and dichloride), Molybdenum trioxide, 1-Nitronaphthalene, N,N'-Diethylthiourea, Pentaborane, Phosphoric acid, Propargyl alcohol, Quinoline, Tetramethylethylenediamine, Thiourea

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Methionide/Methionine Analogs Production (animal/poultry feed supplement)		Acrolein, Magnesium oxide
Chemical Manufacturing (SIC 28xx)	Methyl Chloroform Production	From: hydrochlorinated vent condenser, steam stripper vent condenser	Ethylene dichloride
Chemical Manufacturing (SIC 28xx)	Military Chemical Production		t-Butyl acetate, Carbonyl fluoride, Chloroform, Cyanogen chloride, EDC, Isocyanates, Perchloromethyl mercaptan, Phosgene, Phosphorus oxychloride, Thionyl chloride, Toluene
Chemical Manufacturing (SIC 28xx)	Monomers (SIC 282x, 286x)	Miscellaneous	Acetaldehyde, Acrylonitrile, Ammonia, Benzene, Biphenyl, Bromonaphthalene, 1,3-Butadiene, n-Butyl alcohol, Carbon tetrachloride, Chlorine, Chloromethyl methyl ether, 4-Chloro-o-phenylenediamine, Dioxane, Epichlorohydrin, Ethyl chloride, EDB, EDC, ETO, Fluorocarbons (Chlorinated), Formaldehyde, Glycol ethers and their acetates, Hydrochloric acid, Hydroquinone, Isocyanates, Maleic anhydride, Methyl bromide, Methyl carbamate, Methyl methacrylate, Methylene chloride, Nitrobenzene, PAHs and PAH-related compounds, Naphthalene, PCBs, Perchloroethylene, Phenol, Phthalic anhydride, Propylene, Propylene oxide, Sodium hydroxide, Styrene and copolymers, Toluene, 1,1,1-TCA, TCE, Trichlorophenol, Urethane, Vinyl chloride, Vinylidene chloride, Xylenes, Zinc
Chemical Manufacturing (SIC 28xx)	Monomers (SIC 282x, 286x)	Vinyl Chloride	EDC, Mercuric chloride, Vinyl chloride
Chemical Manufacturing (SIC 28xx)	Nuclear Fuel Fabrication		Chlorine trifluoride, Hydrazine, MIBK, Radionuclides, Uranium and compounds

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Organic Chemical Manufacturing (SIC 286x)		<p>Acrylamide, Acrylonitrile, Allyl isothiocyanate, Allyl isovalerate, Arsine, Benzidine and its salts, Benzotrichloride, Benzyl chloride, Bis(2-chloroethyl) ether, Boron trichloride, Boron trifluoride complexes, Bromine, Bromine pentafluoride, Bromobenzene, Bromoform, tert-Butyl chromate(VI), Carbon tetrachloride, Carbonyl fluoride, Chloramine, Chloroacetic acid, 2-Chloroacetophenone, Chlorobenzene, Chloroform, 2-Chlorophenol, Cobalt, Crotonaldehyde, Hydrogen cyanide, Cyclohexanol, Dibromochloropropane, Dibutyl phosphate, Dibutyl phthalate, Dichloroacetic acid, 1,3-Dichloropropene, Dimethyl carbonate, 1,4-Dioxane, Dioxins, 1,3-Dioxolane, Diphenyl thiourea, Ethyl chloride, Ethyl mercaptan, EDB, EDC, Ethylidene dichloride, Formaldehyde, Formamide, Glycol ethers and their acetates, Hexachlorocyclopentadiene, Hexachloroethane, 2,4-Hexadienal, Hexamethylphosphoramide, Hydrazine, Hydrogen sulfide, Iodine, Iron pentacarbonyl, Ketene, Lead, Malononitrile, Melamine, Mercury, Methyl acrylate, Methyl ethyl ketone, Methyl fluorosulfonate, Methyl hydrazine, Methyl methacrylate, 2-Methylaziridine, Methylene bis(4-cyclohexylisocyanate), Methylene chloride, 2-Methylacetonitrile, Nickel, Nickel compounds, Nitric acid, p-Nitroaniline, Nitroxylenes, Pentachloronaphthalene, 2,3-Pentanedione, 1-Pentanethiol, Perchloroethylene, Perchloryl fluoride, Phenol, Phosgene, Phosphine, Phosphoric acid, Phosphorus pentachloride, Phosphorus pentoxide, Triethylphosphine, Polychlorinated dibenzofurans, beta-Propiolactone, Propionaldehyde, Pyridine, Quinoline, Selenium, Sodium azide, Styrene oxide, Sulfuryl fluoride, 3,3',4,4'-Tetrachlorobiphenyl, 1,1,1,2-Tetrachloroethane, Thionyl chloride, Thiourea, Toluene, m-Toluidine, o-Toluidine, 2,4,6-Trichloroaniline, 1,1,2-TCA, Vanadium pentoxide, Vinyl bromide, Vinyl cyclohexene dioxide, Vinylidene chloride, Vinylidene chloride-vinyl chloride copolymers, m-Xylene, Zinc</p>

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Organic Chemical Manufacturing (SIC 286x)	Cyclic Crudes & Intermediates (SIC 2865)	<p>Acetal, Acetaldehyde, Acetoacetanilide, Acrolein, Acrylic acid, Acrylonitrile, Allyl bromide, 2-Aminoanthraquinone, 4-Aminobiphenyl, 2-Amino-4-chlorophenol, 4-Amino-2-nitrophenol, Ammonia, Arsenic, Benzene, Benzidine, Benzidine and its salts, Benzotrachloride, Benzyl chloride, Biphenyl, Bis(2-ethylhexyl) adipate, Bromine, 1-Bromo-3-chloropropane, Bromonaphthalene, 1,3-Butadiene, n-Butyl alcohol, sec-Butyl alcohol, Carbazole, Carbon disulfide, Carbon tetrachloride, Chloramine, Chlorine, Chloroacetonitrile, Chlorobenzene, 1,2-Dichlorobenzene, 1,4-Dichlorobenzene, Tetrachlorobenzene (mixed isomers), 1,2,3,4-Tetrachlorobenzene, 1,2,4,5-Tetrachlorobenzene, Chloroform, Chloromethyl methyl ether, 1-Chloro-2-nitrobenzene, 4-Chloro-o-phenylenediamine, 2,5-Dichlorophenol, Pentachlorophenol (Chlorophenols), p-Chlorotoluene, Chromium, Chromium hexavalent, Chromium trioxide, Sodium dichromate, Cobalt compounds, Cobalt sulfide, p-Cresidine, Cresol, Cupferron, Cyclododecane, Cyclohexane, Cyclooctadienes, Diazomethane, Dibenzofurans, 3,3'-Dichlorobenzidine, Diethanolamine, Diglycidyl ether, Dimethyl disulfide, Dimethyl sulfate, 1,1-Dimethylhydrazine, Dinitrotoluenes (mixed isomers), 1,4-Dioxane, EDC, ETO, Formaldehyde, Gasoline vapors, Heptachlor, Hexachlorobenzene, Hydrazine, Hydrochloric acid, Hydrogen chloride, Hydrogen sulfide, Iodine, Isocyanates, Methyl isocyanate, Toluene diisocyanates, Maleic anhydride, Methanol, Methyl bromide, Methyl iodide, MIBK, Methyl triflate, Methylene chloride, 2-Methylpyridine, Michler's ketone, mono-Nitroaniline, 5-Nitroacenaphthene, Nitrobenzene, 3-Nitrofluoranthene, 1-Nitropyrene, Nitrosomorpholine, N-Nitroso-N-methylurea, PAHs and PAH-related compounds, Chrysene, Naphthalene, Pentachloronitrobenzene, Phenol, Phosgene, Phosphorus trichloride, Phthalic anhydride, Phthalonitrile, POM, Styrene and copolymers, Sulfur trioxide, Terephthalic acid, Toluene, 1,1,2-TCA, TCE, 1,3,5-Trimethylbenzene, Vinyl chloride, 4-Vinylcyclohexene, Xylenes</p>
Chemical Manufacturing (SIC 28xx)	Organic Chemical Manufacturing (SIC 286x)	Gum & Wood Chemicals (SIC 2861)	<p>Arsenic, Arsenic trioxide, Benzene, n-Butyl alcohol, Carbon tetrachloride, Chromium, 1,2-Dichloropropane, ETO, Formaldehyde, Glycol ethers and their acetates, Toluene diisocyanates, Isophorone, MIBK, N,N-Dimethylacetamide, PAHs and PAH-related compounds, Benzo[a]pyrene, Naphthalene, Tri-n-butyl phosphate, POM, n-Propyl alcohol</p>

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Organic Chemical Manufacturing (SIC 286x)	Gum & Wood Chemicals, Wood Chemical Manufacturing (SIC 2861)	Arsenic, n-Butyl alcohol, Carbon tetrachloride, 2,4-Dichlorophenol, Pentachlorophenol, 2,3,4,6-Tetrachlorophenol, Creosotes, Cresols, Cresylic Acid, ETO, Mercuric chloride, Phenol, Xylenes
Chemical Manufacturing (SIC 28xx)	Paints & Allied Products (SIC 285x)		Acetaldehyde, Acetamide, Acrylic acid, Allyl methacrylate, Aluminum oxide, Ammonia, Arsenic, Arsenic pentoxide, Barium, Barium sulfate, Benzene, Benzofuran, Benzotrile, Bis(2-chloroethyl) ether, Boron oxide, Butadiene, tert-Butyl alcohol, n-Butyl glycidyl ether, gamma-Butyrolactone, Carbon disulfide, Carbon tetrachloride, Chloroform, Chloromethoxy propyl mercuric acetamide, Chlorophenols, Chromium, Chromium (III) Sulfate, Cobalt, Cobalt compounds, Copper, Cresol, Cyclosiloxanes, D6, Dibutyl phosphate, 1,3-Dichloro-2-propanol, Diethylenetriamine, Diglycidyl ether, Dimethoxane, Dimethyl carbonate, 1,4-Dioxane, Diuron, Epichlorohydrin, Epoxy resins, Ethyl acetate, Ethyl acrylate, Ethyl benzene, Ethyl methacrylate, Ethylene, EDC, Ethylene glycol, 2-Ethylhexyl acrylate, Trichlorofluoromethane, Formaldehyde, Glutaraldehyde, Glycol ethers and their acetates, Hexane, Hydroquinone, Isobutyl acrylate, Isobutyl alcohol, Isocyanates, Toluene diisocyanates, Isophorone, Isoprene, Isopropyl alcohol, Lead, Lead acetate, Manganese, Mercury, Methacrylic acid, Methyl ethyl ketone, MIBK, Methyl methacrylate, Methyl phenyl carbinol, 2-Methylaziridine, Methylene bis(4-cyclohexylisocyanate), Methylene chloride, Methyl-n-butyl ketone, Mica, Mineral fibers (asbestos and related), Naphtha (coal tar), Nickel, Nitrotriacetic acid, Nitrobenzene, 2-Nitropropane, Nonylphenol ethoxylates, PAHs and PAH-related compounds, Naphthalene, PCBTF, Perchloroethylene, Perfluoro and polyfluoro compounds, PFOA, Phenol, 2-Phenylphenol, Trimethyl phosphate, Tri-n-butyl phosphate, Triorthocresyl phosphate, Phthalates, Phthalic anhydride, n-Propyl alcohol, Quinoline, Silica (crystalline, respirable), Sodium diamyl sulfosuccinate, Sodium fluoride, Styrene and copolymers, Styrene oxide, Terephthalic acid, 3,3',4,4'-Tetrachlorobiphenyl, 1,1,1,2-Tetrachloroethane, Toluene, Toluene sulfonic acids, 1,1,1-TCA, TCE, Triethylamine, 1,2,4-Trimethylbenzene, Vinyl acetate, Vinyl toluene, Wollastonite, Xylenes, Zinc, Zinc oxide

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Paints & Allied Products	Pigment	Acetoacetanilide, Acetophenone, Aluminum phosphide, o-Anisidine, Anthraquinone, Antimony trioxide, Antimony trisulfide, Barium sulfate, Benzyl chloride, n-Butyl alcohol, sec-Butyl alcohol, tert-Butyl alcohol, Cadmium, p-Chloroaniline, Chromium hexavalent, Barium chromate, Calcium chromate, Chromium trioxide, Lead chromate, Sodium dichromate, Strontium chromate, Cobalt compounds, m-Cresidine, 3,3'-Dichlorobenzidine dihydrochloride, 3,3'-Dichlorobenzidine, Ethylidene dichloride, Hydrochloric acid, Iodine, Iron oxide, 2-Methylimidazole, 4-Methylimidazole, Michler's ketone, Molybdenum trioxide, beta-Naphthol, 5-Nitro-o-toluidine, Nitrotoluenes, o-Phenylenediamine and its salts, Phosphoric acid, Phthalic anhydride, Phthalonitrile, Selenium, Sodium cyanide, Sulfuric acid, Tin oxide, Toluene, o-Toluidine, Zinc oxide
Chemical Manufacturing (SIC 28xx)	Perfume (SIC 2844)		Acetal, Acetonitrile, Acetophenone, Acrolein, Allyl bromide, Anthranilic acid, Benzaldehyde, Benzyl chloride, Cresols, 1,2-Dichloroethylene (cis, trans), Dimethyl sulfate, Ethyl acetate, Ethyl chloride, Formic acid, Galaxolide, Glycol ethers and their acetates, Isobutyl alcohol, Isoprene, Methyl phenyl carbinol, Methylstyrene, beta-Myrcene, beta-Naphthol, Nitrobenzene, 1-Nitronaphthalene, 2,3-Pentanedione, Phosgene, Phthalates, Phthalic acid, n-Propyl alcohol, 5-tert-Butyl-2,4,6-trinitro-m-xylene, Toluene, 1,2,3-Trimethylbenzene, 1,2,4-Trimethylbenzene

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Pesticides, Herbicides, Fungicides Manufacturing (SIC 2879)		<p>Acrolein, Aldicarb, Allyl bromide, Allyl chloride, Aniline, Arsenic, Arsenic pentoxide, Arsenic trioxide, Atrazine, Azoxystrobin, Bendiocarb, Benomyl, Bensulfide, Benzene, Benzenesulfonic acid, Benzenethiol, p-Benzoquinone dioxime, Benzotrifluoride, Benzoyl chloride, Bifenthrin, Biphenyl, Bis(tributyltin) oxide, Boron oxide, Bromacil, Bromacil lithium salt, Bromine, Bromonaphthalene, Bromoxynil octanoate, Cadmium chloride, Cadmium succinate, Cadusafos, Calcium arsenate, Captafol, Captan, Carbaryl, Carbofuran, Carbon disulfide, Carbon tetrachloride, Catechol, Chloral, Chlorinated diphenyl oxide, Chlorine, Chlorine dioxide, Chloroacetic acid, Chloroacetone, Chloroacetone, Chloroacetone, Chlorobenzenes, Chlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Tetrachlorobenzene (mixed isomers), 1,2,3,4-Tetrachlorobenzene, 1,2,4,5-Tetrachlorobenzene, 1,2,4-Trichlorobenzene, Chlorobenzilate, Chloroform, Chloromethoxy propyl mercuric acetamide, p-Chloro-o-toluidine hydrochloride, p-Chloro-o-toluidine, Chlorophenols, 2,4-Dichlorophenol, 2,5-Dichlorophenol, Pentachlorophenol, 2,3,4,6-Tetrachlorophenol, 2,4,5-Trichlorophenol sodium salt, 2,4,6-Trichlorophenol, Chloropicrin, 2-Chloropropionic acid, Chlorpyrifos, Chlorthal-dimethyl, Chromium hexavalent, Sodium dichromate, Cresols, Crotonaldehyde, Cyanamide, Cyanide compounds (inorganic), Hydrocyanic acid, Cycloate, Cyclohexanethiol, Cycloheximide, Des-isopropyl atrazine, N-Nitrosodimethylamine, 2,4-Diaminotoluene, Diazinon, Diazoaminobenzene, Dibromochloromethane, Dibromochloropropane, 2,3-Dibromo-1-propanol, Dibutyl phthalate, Dichloroaniline (mixed isomers), 1,4-Dichloro-2-butene, 1,4-Dichloro-2-nitrobenzene, 2,4-D and salts/esters, 2,6-Dichloro-p-phenylenediamine, 1,2-Dichloropropane, 1,3-Dichloropropene, Dichlorvos, Diclofop methyl, Dicofof, Diethanolamine, 2,6-Diethylaniline, Dimethoate, Dimethyl carbamoyl chloride, Dimethyl disulfide, Dimethyl glutarate, Dimethyl hydrogen phosphite, Dimethyl sulfate, Dimethylamine, p-Dimethylaminoazobenzene diazo sodium sulfonate, Dimethylarsinic acid, Dimethyl-p-toluidine, 4,6-Dinitro-o-cresol (and salts), 2,4-Dinitrophenol, Di-n-propyl isocinchomeronate, 1,4-Dioxane, Dioxins, Diphenylamine, Diquat dibromide (and mixtures), Disodium cyanodithioimidocarbonate, Disulfiram, Diuron, 1-Dodecanethiol, Endosulfan, Endrin, 1,2-Epoxybutane, Ethoprop, EPTC, Ethyl mercaptan, Ethyl parathion, o-Ethylaniline, Ethylene, EDB, ETO, Ethylene thiourea, Ethylenediamine, Fenamiphos, Fenoxaprop ethyl, Fenoxycarb, Fenvalerate, Flame retardants, Fluzifop butyl, Fludioxonil, Fluorocarbons (Chlorinated), Fluvalinate, Formaldehyde, Formic acid, Fosetyl-al, Furan, Furfural, Glutaraldehyde, Glycol ethers and their acetates, Glyphosate, Hexachlorocyclohexanes, Lindane, Hexachlorocyclopentadiene, Hexachloroethane, 2,4-Hexadienal, Hexahydrophthalic anhydride, Hydrazine, Hydrogen peroxide (>5%), Iodine, Iprodione, Isobutyl alcohol, Isobutyronitrile, Isocyanates, Isophorone, Kresoxim-methyl, Lead arsenate, Lead acetate, Linuron, Malathion, 2-Mercaptobenzothiazole, Metam potassium, Metam sodium, Methamidophos, Methidathion, Methomyl, Methoxychlor, Methyl bromide, Methyl carbamate, Methyl isopropyl ketone, Methyl parathion, Methylamine, Methylarsonic acid, Methylene chloride, 2-Methylacetonitrile, 2-Methylpyridine, Myclobutanil, beta-Myrcene, Nabam, beta-Naphthol, Nitrapyrin, p-Nitroaniline, Nitrobenzene, 4-Nitrobiphenyl, 1-Nitronaphthalene, 4-Nitrophenol, 2-Nitropropane, Nonylphenol, Nonylphenol ethoxylates, Oryzalin, Oxadiazon, Oxydemeton methyl, Oxyfluorfen, Oxythioquinox, PAHs and PAH-related compounds, Naphthalene, Paraformaldehyde, Paraquat, Parathion, PCBTF, Pendimethalin, Pentachloronitrobenzene, Peracetic acid, Perchloromethyl mercaptan, Permethrin, Phenol, o-Phenylenediamine and its salts, 2-Phenylphenol, Phorate, Phosgene, Phosmet, Phosphorus, Phosphine, Phosphoric acid, Phosphorus oxychloride, Phosphorus trichloride, Trimethyl phosphate, Tri-n-butyl phosphate, Triphenyl phosphite, Phthalimide, beta-Picoline, Polychlorinated dibenzofurans, Potassium dimethyldithiocarbamate, Potassium phosphite, Procymidone, 1-Propanethiol, Propargite, Propoxur, n-Propyl alcohol, n-Propyl bromide, Propylene oxide, Propylamine, Pymetrozine, Quinone, Resmethrin, Sedaxane, Silica (crystalline, respirable), Silver, Simazine, Sodium aluminum fluoride, Sodium azide, Sodium diamyl sulfosuccinate, Sodium dimethyldithiocarbamate, Sodium fluoride, Sodium hydroxide, Sodium tetrathiocarbamate, Spirodiclofen, Succinic anhydride, Sulfur, Sulfur dioxide, Sulfur tetrafluoride, Sulfuric acid, Sulfuryl fluoride, Terrazole, 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, Tetraethylene glycol, Tetrahydrophthalic anhydride, Tetrakis(hydroxymethyl)phosphonium sulfate,</p>

**APPENDIX C-II
 FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
			<p>Tetralin, Thiabendazole, Thioacetamide, Thionyl chloride, Thiophanate methyl, Thiram, 4-t-Octylphenol, o-Toluidine, Toxaphene, trans-1,4-Dichlorobutene, trans-2-[(Dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)-vinyl]-1,3,4-oxadiazole, Triadimefon, 2,4,6-Tribromophenol, Tribufos, 2,4,6-Trichloroaniline, 1,1,2-TCA, Trifloxystrobin, Trifluralin, Trimethyl phosphite, Tris(1-aziridinyl)phosphine oxide, Tris(2-methyl-1-aziridinyl)phosphine oxide, Urethane, Vanadium pentoxide, Vinclozolin, 4-Vinylcyclohexene, Xylenes, Xylidine, 2,4-Xylidine, Zectran, Zinc, Zinc oxide, Zinc phosphide, Ziram</p>

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Photographic Chemicals Manufacturing		Aniline, Benzenesulfonic acid, Benzophenone, Carbazole, 1-Chloro-2-nitrobenzene, Chromium (III) Sulfate, 1,3-Dichloro-2-propanol, 1,1-Dimethylhydrazine, Ethyleneimine, Hydrazine, Hydroquinone, Iodine, Methylene chloride, 2-Methylimidazole, 4-Methylimidazole, Nitric acid, Nitrotoluenes, Succinic anhydride, Thioacetamide, m-Toluidine, Vanadium pentoxide, 2,4-Xylidine, Zinc oxide
Chemical Manufacturing (SIC 28xx)	Pigment (metal containing) Manufacturing		Benzonitrile, Cadmium, Cadmium chloride, Chromium, Chromium hexavalent, Barium chromate, Calcium chromate, Chromium trioxide, Sodium dichromate, Strontium chromate, Cobalt compounds, Copper, 3,3'-Dichlorobenzidine, Iron oxide, Lead, Lead acetate, Nickel, Tin oxide, Zinc, Zinc oxide
Chemical Manufacturing (SIC 28xx)	Pigment (metal containing) Manufacturing	Also see Chemical Manufacturing, Inks and Paints, Appendix C-II	

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Plastics Materials & Synthetic Resins (SIC 282x)		<p>Acetamide, Acetonitrile, Acrolein, Acrylamide, Acrylic acid, Acrylonitrile, Adipic acid, Allyl bromide, Aluminum diethyl phosphinate, Ammonia, Arsenic, Barium, Benzene, Benzidine, Benzidine and its salts, Benzofuran, Benzophenone, Benzoyl peroxide, Bis(chloromethyl) ether, Bis(2-ethylhexyl) adipate, t-Butyl acetate, Cadmium, Carbon nanotubes, Carbon tetrachloride, Chlorine, Chlorobenzene, Chloroform, Chromium, Chromium hexavalent, Cobalt, Cresols, Hydrocyanic acid, Cyclododecane, Cyclohexanol, N-Nitrosodimethylamine, 2,4-Diaminotoluene, Dibenzofurans, Dichloroaniline (mixed isomers), 1,2-Dichloropropane, Di(2-ethylhexyl) phthalate, Dimethyl formamide, Dinitrotoluenes (mixed isomers), 1,4-Dioxane, Dioxins, 1,3-Dioxolane, Disulfiram, 1-Dodecanethiol, Epoxy resins, Ethyl methacrylate, Ethylene, Ethylene glycol, 2-Ethylhexyl acrylate, Flame retardants, Hydrogen fluoride, Fluorocarbons (Chlorinated), Formaldehyde, Glycol ethers and their acetates, Diethylene glycol dimethyl ether, EGDMA, Hexachlorobutadiene, Hexachlorocyclopentadiene, 2,4-Hexadienal, Hexafluoroacetone, Hydrazine, Hydrochloric acid, Hydrogen sulfide, Iodoform, Isobutyl acrylate, Isocyanates, Isophorone, Isopropyl alcohol, Lauroyl peroxide, Lead phosphate, Mercury, Methyl acrylate, Methyl methacrylate, Methacrylonitrile, Methylene bis(4-cyclohexylisocyanate), Methylene chloride, 2-Methylimidazole, 2-Methylacetonitrile, Methylstyrene, Mineral fibers (asbestos and related), Naphtha (coal tar), Nickel, p-Nitrosodiphenylamine, N,N-Dimethylaniline, PAHs and PAH-related compounds, Paraformaldehyde, PBBs, PCBTF, Perchloroethylene, Ammonium perfluorooctanoate, Phenol, Phosgene, Trimethyl phosphate, Tri-n-butyl phosphate, Triorthocresyl phosphate, Triphenyl phosphate, Triphenyl phosphite, Phthalates, Phthalic anhydride, Polychlorinated dibenzofurans, POM, Propionaldehyde, Silicon carbide, fibrous, Silicon carbide whiskers, Sodium hydroxide, Styrene and copolymers, Succinic anhydride, Sulfuric acid, Terephthalic acid, Tetrachlorophthalic-anhydride, Tetrahydrofuran, Tetrahydrophthalic anhydride, Tetramethyl succinonitrile, Tetramethylethylenediamine, 4,4'-Thiobis(6-tert-butyl-m-cresol), Thioglycolic acid and salts, Thionyl chloride, Tin oxide, Titanium dioxide, Toluene, Toluene sulfonic acids, TCE, Trimellitic anhydride, Trimethyl phosphite, Vinyl acetate, Vinyl bromide, Vinyl chloride, Vinyl fluoride, Vinylidene chloride, Zinc</p>
Chemical Manufacturing (SIC 28xx)	Plastics Materials & Synthetic Resins (SIC 282x)	Cellulosic Man-Made Fibers (SIC 2823)	Ammonia, Arsenic, Benzene, Caprolactam, Chlorine, Dimethyl Adipate, EDC, Hydrogen chloride, N,N-Dimethylacetamide, Terephthalic acid

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Plastics Materials & Synthetic Resins (SIC 282x)	Manmade Organic Fibers, noncellulosic (SIC 2824)	Acetonitrile, Acrylonitrile, Adipic acid, Allyl chloride, Barium sulfate, Caprolactam, Copper, Cyclododecane, Cyclohexanone, Dichloroacetic acid, Dimethyl formamide, Dimethyl sulfate, EDC, Toluene diisocyanates, Malononitrile, N,N-Dimethylacetamide, Phenyl ether-biphenyl mixture (vapor), Sodium hydroxide, Terephthalic acid, Toluene, Vinylidene chloride, p-Xylene
Chemical Manufacturing (SIC 28xx)	Plastics Materials & Synthetic Resins (SIC 282x)	Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers (SIC 2821)	Acetaldehyde, Acrolein, Acrylic acid, Acrylonitrile, Allyl chloride, Ammonia, Arsenic, Benzene, Benzonitrile, Bis(2,3-epoxycyclopentyl) ether, 1,3-Butadiene, Cadmium, Caprolactam, Carbon tetrachloride, Chloral, Chlorinated diphenyl oxide, Chlorine, Chloroethane, Cobalt, Cresol, Hydrogen cyanide, Cyclododecane, Cyclosiloxanes, N-Nitrosodiethylamine, 2,4-Diaminotoluene, Dichloroaniline (mixed isomers), 3,3'-Dichlorobenzidine, 2,6-Diethylaniline, Diethylenetriamine, Diglycidyl ether, Dimethyl methylphosphonate, Dimethyl terephthalate, 4-Dimethylaminoazobenzene, Epichlorohydrin, Ethyl mercaptan, EDC, ETO, Ethyleneimine, 2-Ethylhexyl acrylate, Ferrocene, Formaldehyde, Gasoline vapors, Glycidyl methacrylate, Hexahydrophthalic anhydride, Hydrogen chloride, Hydrogen sulfide, Isobutyl methacrylate, Isocyanates, Toluene diisocyanates, Isoprene, Lanthanum, Lead, Maleic anhydride, Mercury, 4-Methoxyphenol, Methyl ethyl ketone peroxide, Methyl methacrylate, Methacrylonitrile, Methylene bis(4-cyclohexylisocyanate), Methylene chloride, Methylstyrene, Mineral fibers (asbestos and related), 1,5-Naphthalenediamine, Nitrobenzene, 2-Nitropropane, N,N-Dimethylacetamide, PBBs, PCBs, PCBTF, Perchloroethylene, Phenol, Phosgene, Propionaldehyde, Propylene, Propylene oxide, Sodium cyanide, Styrene and copolymers, Terephthalic acid, 3,3',4,4'-Tetrachlorobiphenyl, Tetrahydrofuran, Thioacetamide, 4-t-Octylphenol, Toluene, TCE, Tricresyl phosphate, Trimellitic anhydride, 1,3,5-Trimethylbenzene, Vinyl chloride, Vinyl chloride-vinyl acetate copolymers, Vinyl fluoride, Vinylidene chloride, Vinylidene chloride-vinyl chloride copolymers, Xylenes, Zinc oxide

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Plastics Materials & Synthetic Resins (SIC 282x)	Resin Manufacturing (SIC 2821)	<p>Acrolein, Acrylamide, Acrylonitrile, Allyl bromide, Allyl chloride, Aluminum diethyl phosphinate, Ammonia, Ammonium chloride, Ammonium sulfate, Barium sulfate, Benzene, Benzofuran, Benzointrile, Benzoyl peroxide, Benzyl chloride, Biphenyl, Bis(chloromethyl) ether, Bis(2-chloro-1-methylethyl) ether, Bisphenol-related chemicals, Boron trifluoride complexes, Bromonaphthalene, n-Butyl alcohol, sec-Butyl alcohol, tert-Butyl alcohol, n-Butyl glycidyl ether, Carbon disulfide, Carbon nanotubes, Chlorendic acid, Chlorinated diphenyl oxide, 1,4-Dichlorobenzene, Chloromethyl methyl ether, 4-Chloro-o-phenylenediamine, Cresols, Crotonaldehyde, Cumene, Cyclohexanol, Cyclohexanone, Decahydronaphthalene, 2,4-Diaminotoluene, Dibutyl phosphate, 2,6-Dichloro-p-phenylenediamine, 1,2-Dichloropropane, Diethanolamine, 2,6-Diethylaniline, Diethylenetriamine, Di(2-ethylhexyl) phthalate, Diglycidyl ether, Dimethoxane, Dimethyl Adipate, Dimethyl glutarate, 3,3'-Dimethylbenzidine, Dinitrosopentamethylenetetramine, Dioxins, 1,2-Diphenylhydrazine, Epichlorohydrin, Epoxy resins, 1,2-Epoxybutane, Ethyl acrylate, Ethyl benzene, EDB, EDC, Ethylene thiourea, Ethylenediamine, Ethyleneimine, Ferrocene, Flame retardants, Formaldehyde, Formic acid, Furan, Furfural, Furfuryl alcohol, Glycidyl methacrylate, Glycol ethers and their acetates, Glycolonitrile, Hexachlorocyclopentadiene, Hexahydrophthalic anhydride, Hexamethylenetetramine, Hexamethylphosphoramide, Hydroquinone, 4-Hydroxyazobenzene, Isobutylene, Isocyanates, Isoprene, Isopropyl alcohol, Isopropyl glycidyl ether, Lanthanum, Lauroyl peroxide, Maleic anhydride, Melamine, Mercury, meta-Phenylenediamine, Methacrylic acid, Methyl chloride, Methyl ethyl ketone, Methyl ethyl ketone peroxide, MIBK, Methyl methacrylate, MOCA, 4,4'-Methylenedianiline (and dichloride), 2-Methylimidazole, 2-Methylacetonitrile, 1-Methylnaphthalene, Methylnaphthalene (mixed), 2-Methylpyridine, Nadic methyl anhydride, N,N-Dimethylacetamide, N,N-Dimethylaniline, Octylphenol, PAHs and PAH-related compounds, 2-Methylnaphthalene, Paraformaldehyde, Phenol, Phosgene, Tri-n-butyl phosphate, Triorthocresyl phosphate, Triphenyl phosphite, Phthalic anhydride, beta-Picoline, Polychlorinated dibenzofurans, Propionaldehyde, n-Propyl alcohol, n-Propyl bromide, n-Propyl carbamate, Shale oils, Sodium aluminum fluoride, Styrene and copolymers, Styrene oxide, Terephthalic acid, p-tert-Butyl toluene, Tetrahydrobenzaldehyde, Tetramethylethylenediamine, Thiourea, 4-t-Octylphenol, Trimellitic anhydride, 1,2,4-Trimethylbenzene, Trimethylolpropane triacrylate, 1,2,3-Tris(chloromethoxy)propane, Vinyl acetate, Vinyl cyclohexene dioxide, Vinyl toluene, Vinylidene chloride, Xylenes</p>
Chemical Manufacturing (SIC 28xx)	Plastics Materials & Synthetic Resins (SIC 282x)	Rubber Production & Compounding, Gaseous, Aerosol, & Particulate releases	Arsenic, Carbazole, Cyclosiloxanes, D5, Mica, Phenyl ether-biphenyl mixture (vapor)

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Plastics Materials & Synthetic Resins (SIC 282x)	Rubber Production & Compounding, Synthetic Monomers	Acrylonitrile, Bis(2,3-epoxycyclopentyl) ether, 1,3-Butadiene, Chloropyrene, Cyanogen chloride, Cyclohexane, Cyclohexanethiol, N-Nitrosodiethylamine, N-Nitrosodimethylamine, N-Nitrosodi-n-butylamine, Epichlorohydrin, Ethyl acrylate, EDC, ETO, Ferrocene, Propylene, Styrene and copolymers, Toluene sulfonic acids, Vanadium
Chemical Manufacturing (SIC 28xx)	Plastics Materials & Synthetic Resins (SIC 282x)	Rubber Production & Compounding, Retardants	N-Nitrosodiphenylamine, Phthalic anhydride
Chemical Manufacturing (SIC 28xx)	Plastics Materials & Synthetic Resins (SIC 282x)	Rubber Production & Compounding, Catalysts	n-Butyl glycidyl ether, Decaborane, Ferrocene, Magnesium oxide, Nickel
Chemical Manufacturing (SIC 28xx)	Plastics Materials & Synthetic Resins (SIC 282x)	Rubber Production & Compounding, Solvents	Hexachloroethane, Naphtha (coal tar), 1,1,2,2-Tetrachloroethane, Toluene, 1,1,2-TCA, TCE

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Plastics Materials & Synthetic Resins (SIC 282x)	Rubber Production & Compounding, Miscellaneous	Acetaldehyde, Acrylonitrile, Allyl chloride, Ammonia, Aniline, Barium sulfate, Benzene, Benzidine, Benzidine and its salts, Benzotrile, p-Benzoquinone dioxime, Bis(chloromethyl) ether, Bisphenol-related chemicals, 1,3-Butadiene, Carbon disulfide, Carbon tetrachloride, Catechol, Chlorine, Chloroform, 1-Chloro-4-nitrobenzene, Chloroprene, Crotonaldehyde, Cyclohexane, Cyclohexanone, N-Nitrosodimethylamine, 3,3'-Dichlorobenzidine, 1,2-Dichloroethylene (cis, trans), 1,2-Dichloropropane, Diethanolamine, 2,6-Diethylaniline, Di(2-ethylhexyl) phthalate, Dimethylamine, 2,6-Dimethyl-N-nitrosomorpholine, Dinitrosopentamethylenetetramine, Epichlorohydrin, EDC, Ethylene thiourea, Ethylenediamine, Hexachlorobenzene, Hydrochloric acid, Hydrogen chloride, Hydroquinone, Iodine, Isobutylene, Toluene diisocyanates, Isoprene, Lanthanum, Lauroyl peroxide, Lead, Lead acetate, Maleic anhydride, Methyl chloride, 2-Methylaziridine, MOCA, Methylene chloride, 4,4'-Methylenedianiline (and dichloride), 2-Methylimidazole, 4-Methylimidazole, 2-Methylpyridine, Morpholine, beta-Naphthol, Nitric acid, Nitrotriacetic acid, Nitrobenzene, 1-Nitronaphthalene, N-Nitrosodiphenylamine, Nitrosomorpholine, Nitrotoluenes, Pentachlorobenzenethiol, Perchloroethylene, Phenol, 2-Phenylphenol, Phosphoric acid, Phosphorus trichloride, Triorthocresyl phosphate, Triphenyl phosphite, Propionaldehyde, Pyridine, Selenium, Silica (crystalline, respirable), Sodium aluminum fluoride, Sodium dimethyldithiocarbamate, Sodium hydroxide, Styrene and copolymers, Sulfur, Sulfur tetrafluoride, Tetrafluoroethylene, Thioacetamide, 4,4'-Thiobis(6-tert-butyl-m-cresol), Titanium dioxide, 4-t-Octylphenol, Toluene, 1,1,2-TCA, Tricresyl phosphate, 1,3,5-Trimethylbenzene, Vinylidene chloride, Zinc, Zinc oxide
Chemical Manufacturing (SIC 28xx)	Plastics Materials & Synthetic Resins (SIC 282x)	Rubber Production & Compounding -- Also see Chemical Manufacturing, Monomers, Appendix C-II	
Chemical Manufacturing (SIC 28xx)	Plastics Materials & Synthetic Resins (SIC 282x)	Synthetic Fibers	Aluminum oxide, Caprolactam, N-Nitrosodimethylamine, Ethylidene dichloride, Flame retardants, Hexamethylphosphoramide, Hydrogen sulfide, Malononitrile, meta-Phenylenediamine, Phenyl ether-biphenyl mixture (vapor), Styrene and copolymers, Terephthalic acid, Vinyl bromide

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Polish & Wax Manufacturing (SIC 2842)		1,2-Dichlorobenzene, Chloroform, Cyclosiloxanes, D4, Decahydronaphthalene, 4-Dimethylaminoazobenzene, Dioxane, Ethyl methacrylate, EDB, Ethylenediamine, Glycol ethers and their acetates, 4-Hydroxyazobenzene, Isopropyl alcohol, Nitrobenzene, Nitrosomorpholine, Perfluoro and polyfluoro compounds, Phosphoric acid, Phthalates, Polychlorinated terphenyls, n-Propyl alcohol, Sodium aluminum fluoride, 3,3',4,4'-Tetrachlorobiphenyl, Tetralin, 1,3,5-Trimethylbenzene
Chemical Manufacturing (SIC 28xx)	Preservatives, disinfectants, biocides		p-Benzoquinone dioxime, Bis(tributyltin) oxide, Chloramine, Chlorinated diphenyl oxide, Chlorine dioxide, 3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone, 1-Chloro-2-nitrobenzene, Chlorophenols, 2,4,5-Trichlorophenol, Cresols, Dimethoxane, Dioxins, ETO, Ethylene sulfide, Fludioxonil, Formaldehyde, Glutaraldehyde, Ethylene glycol monophenyl ether, Hexachlorophene, Hexamethylenetetramine, Hydrochloric acid, Iodine, Iodoform, Isopropyl alcohol, Mercury, Peracetic acid, Phenol, Polychlorinated dibenzofurans, Potassium dimethyldithiocarbamate, Sodium azide, 1,1,1,2-Tetrachloroethane, Tricresyl phosphate, Trimethylamine, N-Vinyl-2-pyrrolidone, Zinc oxide
Chemical Manufacturing (SIC 28xx)	Rubber, Non-Vulcanized, Manufacturing		4-Aminobiphenyl, Carbazole, Catechol, Chloroform, N-Nitrosodiethylamine, N-Nitrosodimethylamine, N-Nitrosodi-n-butylamine, Dioxins, Diphenylamine, 1-Dodecanethiol, Formaldehyde, Mica, Nitrobenzene, Phenols, Polychlorinated dibenzofurans, Styrene and copolymers, Thioacetamide
Chemical Manufacturing (SIC 28xx)	Rubber, Non-Vulcanized, Manufacturing	Rubber Compounding, Processing Aids	Pentachlorobenzenethiol, Zinc
Chemical Manufacturing (SIC 28xx)	Rubber, Non-Vulcanized, Manufacturing	Rubber Compounding, Accelerators	N-Nitrosodimethylamine, Diphenyl thiourea, Diphenylamine, Disulfiram, Ethylene thiourea, Ferrocene, Furfural, 2-Mercaptobenzothiazole, p-Nitrosodiphenylamine, o-Toluidine, Zinc, Zinc oxide
Chemical Manufacturing (SIC 28xx)	Rubber, Non-Vulcanized, Manufacturing	Rubber Compounding, Age Restorers	2-Mercaptobenzothiazole, Nickel, Phenol
Chemical Manufacturing (SIC 28xx)	Rubber, Non-Vulcanized, Manufacturing	Rubber Compounding, Vulcanizing Agents	Benzoyl peroxide, Decaborane, Disulfiram, Ethylene thiourea, Lead, 2-Mercaptobenzothiazole, N-Nitrosodiphenylamine, p-Phenylenediamine, Selenium, Sulfur, Thioacetamide, Thiourea, o-Toluidine, Zinc, Zinc oxide

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Rubber, Non-Vulcanized, Manufacturing	Rubber Compounding, Accelerator Activators	Ammonia, Ferrocene, Lead, 2-Mercaptobenzothiazole, N,N'-Diethylthiourea, Zinc, Zinc oxide
Chemical Manufacturing (SIC 28xx)	Soap, Cleaners, & Toilet Goods; Cosmetics, and Other Toilet Preparations (SIC 284x)		Acetal, Acetonitrile, Acrolein, Adipic acid, Allyl bromide, Allyl isovalerate, 1-Amino-2,4-dibromoanthraquinone, Ammonia, o-Anisidine, Anthranilic acid, Benzophenone, Benzoyl peroxide, Benzyl alcohol, Biphenyl, Bis(2-chloro-1-methylethyl) ether, Bis(2-ethylhexyl) adipate, Bisphenol-related chemicals, Bis(tributyltin) oxide, Potassium bromate, n-Butyl alcohol, sec-Butyl alcohol, Cerium, Chlorinated diphenyl oxide, Chlorine, Cyclosiloxanes, D5, Dialkylnitrosamines, Diethanolamine, Diethyl sulfate, 2,6-Diethylaniline, Di(2-ethylhexyl) phthalate, Dimethoxane, Dimethyl sulfate, 1,4-Dioxane, 1-Dodecanethiol, Epichlorohydrin, Ethyl acetate, Ethyl methacrylate, Ethylene, EDC, Ethylene glycol, ETO, Ethyleneimine, Trichlorofluoromethane, Glutaraldehyde, Glycol ethers and their acetates, Hexachlorocyclohexanes, Lindane, Hexachlorophene, Hydrogen chloride, Hydrogen peroxide (>5%), Hydroquinone, Iron oxide, Isobutyl methacrylate, Isopropyl alcohol, Kresoxim-methyl, Magnesium oxide, 4-Methoxyphenol, MIBK, 4-Methylimidazole, Mica, Nitrobenzene, Nitrogen mustard N-oxide, Oxybenzone, Parabens, Perfluoro and polyfluoro compounds, PFOA, 2-Phenylphenol, Phosphorus, Triphenyl phosphate, Phthalates, Potash soap, n-Propyl alcohol, Quinone, Silica (crystalline, respirable), Sodium diamyl sulfosuccinate, Subtilisins, 5-tert-Butyl-2,4,6-trinitro-m-xylene, Tetrakis(hydroxymethyl)phosphonium sulfate, Thioglycolic acid and salts, Thiourea, Titanium dioxide, Triclocarban, Urethane, N-Vinyl-2-pyrrolidone, Xylidine, Zinc oxide
Chemical Manufacturing (SIC 28xx)	Soap & Detergent Manufacturing (SIC 2841-2844)		Acrolein, Bisphenol-related chemicals, Triclosan, Dialkylnitrosamines, Nitritotriacetic acid, Subtilisins, Succinic anhydride, Sulfur, 5-tert-Butyl-2,4,6-trinitro-m-xylene

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Soap & Detergent Manufacturing (SIC 2841-2844)	Miscellaneous	Acrylic acid, Benzaldehyde, Benzene, Bis(2-chloro-1-methylethyl) ether, Bis(tributyltin) oxide, Chlorinated diphenyl oxide, 2,6-Diethylaniline, Diethylenetriamine, Dimethyl sulfate, 1-Dodecanethiol, EDC, ETO, Formaldehyde, Glycol ethers and their acetates, Hexachlorophene, Hydrogen sulfide, 4-Hydroxyazobenzene, Isopropyl alcohol, Melamine, 2-Mercaptobenzothiazole, Methyl methacrylate, 4-Methylimidazole, beta-Myrcene, Nitritotriacetic acid, Nitrobenzene, PAHs and PAH-related compounds, Acenaphthylene, Perfluoro and polyfluoro compounds, Phthalates, Propylene oxide, Sulfur trioxide, Thiourea, Toluene, Triclocarban, N-Vinyl-2-pyrrolidone
Chemical Manufacturing (SIC 28xx)	Soap & Detergent Manufacturing (SIC 2841-2844)	Optical Brighteners	Morpholine, Nitrosomorpholine
Chemical Manufacturing (SIC 28xx)	Soap & Detergent Manufacturing (SIC 2841-2844)	Polishes & Sanitation Goods (SIC 2842)	Acrylamide, Ammonia, Arsenic, Benzene, Carbon tetrachloride, Chlorine, 1,4-Dichlorobenzene, Chloroform, Cresol, Dimethyl sulfate, 4-Dimethylaminoazobenzene, 1,4-Dioxane, Epichlorohydrin, Formaldehyde, Hydrogen chloride, Methylene chloride, Nitrobenzene, Nitromethane, Perchloroethylene, 2-Phenylphenol, Propionaldehyde, Pyridine, Silica (crystalline, respirable), Sodium aluminum fluoride, Toluene, 1,1,1-TCA, TCE, Zinc, Zinc oxide
Chemical Manufacturing (SIC 28xx)	Soap & Detergent Manufacturing (SIC 2841-2844)	Surface Active Agents (SIC 2843)	Benzene, Benzyl chloride, Diethylenetriamine, 1,4-Dioxane, Octylphenol, Propylene oxide, Sodium chlorite, Sodium diamyl sulfosuccinate, Succinic anhydride, 4-t-Octylphenol, Toluene, Zinc, Zinc oxide
Chemical Manufacturing (SIC 28xx)	Soap & Detergent Manufacturing (SIC 2841-2844)	Toilet Preparations (SIC 2844)	Acetaldehyde, Acrolein, Acrylamide, Ammonia, Arsenic, Benzene, Benzyl chloride, Carbaryl, Triclosan, Cyclosiloxanes, Diethanolamine, Dimethyl sulfate, 1,4-Dioxane, CFC-113, Formaldehyde, Lead acetate, Methyl ethyl ketone, Methylene chloride, 1-Octanethiol, PAHs and PAH-related compounds, Naphthalene, Perchloroethylene, Piperonyl butoxide, Selenium sulfide, Silica (crystalline, respirable), Sodium chlorite, Sodium fluoride, Styrene oxide, Subtilisins, Succinic anhydride, Toluene, 1,1,1-TCA, TCE, Zinc, Zinc oxide

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Solvents Manufacturing (SIC 2869)		Acetonitrile, Bis(2-chloro-1-methylethyl) ether, t-Butyl acetate, sec-Butyl alcohol, tert-Butyl alcohol, Caprolactam, Carbon disulfide, Chloroprene, Crotonaldehyde, Cyclohexane, Cyclohexanol, Cyclosiloxanes, D5, N-Nitrosodimethylamine, 1,2-Dichloroethylene (cis, trans), Diethanolamine, 2,6-Diethylaniline, Di(2-ethylhexyl) phthalate, Dimethyl methylphosphonate, Dimethylamine, 1,1-Dimethylhydrazine, Dioxane, Epichlorohydrin, Ethyl chloride, Ethyl methacrylate, EDC, ETO, Ethylidene dichloride, Glycol ethers and their acetates, Heptachlor, Hydrochloric acid, Isobutyl alcohol, Isophorone, Isopropyl alcohol, Methanol, Methyl chloride, Methyl hydrazine, Methylamine, N-Methylaniline, 2-Methylpyridine, Nitrobenzene, N-Nitrosomorpholine, N,N-Dimethylaniline, PCBTF, Pentachloroethane, Perchloroethylene, Phosphorus oxychloride, Triorthocresyl phosphate, Phthalates, Propargyl alcohol, Propionitrile, Propylene oxide, Quinoline, Silica (crystalline, respirable), 1,1,1,2-Tetrachloroethane, Tetraethylene glycol, Tetrahydrofuran, Tetralin, 1,1,2-TCA, Tricresyl phosphate, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Urethane, 4-Vinylcyclohexene, N-Vinyl-2-pyrrolidone, Xylenes
Chemical Manufacturing (SIC 28xx)	Textile Chemical Manufacturing		Acetamide, Adiponitrile, Chlorine, Chromium (III) Sulfate, 2,4-Diaminoanisoole sulfate, 2,4-Diaminoanisoole, Dibenzofurans, Diethanolamine, Diglycidyl ether, Dimethylamine, Ethyleneimine, Glycol ethers and their acetates, Nonylphenol ethoxylates, Terephthalic acid, Toluene sulfonic acids, TCE, Urethane
Chemical Manufacturing (SIC 28xx)	Varnish Manufacturing (SIC 2851)		Aniline, Benzene, Benzofuran, Bis(2-chloroethyl) ether, Bis(2-chloro-1-methylethyl) ether, Carbon disulfide, Chromium (III) Sulfate, Cobalt, Cobalt compounds, Cyclosiloxanes, 1,2-Dichloroethylene (cis, trans), Dioxane, 1,4-Dioxane, Epichlorohydrin, Ethyl benzene, Ethyleneimine, Ethylidene dichloride, Formic acid, Furan, Hydroquinone, 4-Hydroxyazobenzene, Isobutyl alcohol, Isocyanates, Isopropyl alcohol, Lead acetate, Methyl ethyl ketone, Methyl ethyl ketone peroxide, MIBK, Methyl isopropyl ketone, Methylene bis(4-cyclohexylisocyanate), 2-Nitropropane, N,N-Dimethylacetamide, Novolac resins, Triorthocresyl phosphate, Triphenyl phosphate, Sodium chlorite, 1,1,1,2-Tetrachloroethane, Tetrahydrofuran, Titanium dioxide, Toluene, 2,2,4-Trimethylpentane, Vinyl toluene
Chemical Manufacturing (SIC 28xx)	(High)-Vinylidene Chloride Copolymer Fabric Process		Vinylidene chloride

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Chemical Manufacturing (SIC 28xx)	Wax Manufacturing - see Polish Manufacturing, Appendix C-II		
Chemical Manufacturing (SIC 28xx)	Wood Chemical Manufacturing - see Chemical Manufacturing, Organic Chemical Manufacturing, Gum & Wood Chemicals, Appendix C-II		
Chemicals, Sales			Ammonia, Benzene, 1,3-Butadiene, Hydrogen chloride, Methylene chloride, Styrene and copolymers, Toluene, 1,1,1-TCA, Vinyl chloride
Chemicals, Sales	Storage & Handling - see Liquid Storage & Transfer, Appendix C-I		
Chrome Plating - see Metal Plating, Appendix C-II			
Clay, Glass & Stone Products (SIC 32xx)	Miscellaneous (SIC 32xx)		Acetaldehyde, Acrolein, Ammonia, Antimony trioxide, Antimony trisulfide, Arsenic, Arsenic compounds (inorganic), Barium, Benzene, Benzyl chloride, Beryllium, Boron oxide, 1,3-Butadiene, Cadmium, Carbon disulfide, Carbon tetrachloride, Chlorine, 1,4-Dichlorobenzene, Chloroform, Chromium, Chromium hexavalent, Barium chromate, Lead chromate, Copper, Diesel engine PM, Diesel engine TOG, 1,4-Dioxane, Dioxins, Ethyl benzene, EDB, EDC, Hydrogen fluoride, CFC-113, Formaldehyde, Glycol ethers and their acetates, Hexachlorobutadiene, Hydrochloric acid, Hydrogen chloride, Toluene diisocyanates, Lead, Lead compounds (inorganic), Manganese, Mercury, Methanol, Methyl bromide, Methyl chloride, Methylene bis(4-cyclohexylisocyanate), Methylene chloride, Mica, Asbestos, Nickel, PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene, Naphthalene, PCBs, Perchloroethylene, Phenol, Phosphorus, Polychlorinated dibenzofurans, Propylene, Selenium, Silica, Silica (crystalline, respirable), Silicon carbide whiskers, Sodium aluminum fluoride, Sodium fluoride, Sodium hydroxide, Styrene, 1,1,2,2-Tetrachloroethane, Toluene, 1,1,1-TCA, 1,1,2-TCA, TCE, Vinyl chloride, Xylenes, Zinc, All listed substances specified in Appendix A

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Clay, Glass & Stone Products (SIC 32xx)	Abrasive Products (SIC 3291)		Aluminum oxide, Ammonia, Cadmium, Chlorine, Chromium, Chromium hexavalent, Barium chromate, Lead chromate, Formaldehyde, Hydrogen chloride, Lead, Manganese, Methylene chloride, Perchloroethylene, Phenol, Silicon carbide whiskers, Styrene and copolymers, Toluene, 1,1,1-TCA, Xylenes, Zinc
Clay, Glass & Stone Products (SIC 32xx)	Asbestos Mill/Processing (SIC 3292)		p-Aramid fibrils, Benzene, Chromium, Copper, Formaldehyde, Hydrogen sulfide, Mineral fibers (asbestos and related), Nickel, PAH/PAH-derivatives/POM from combustion, Naphthalene, Silica, Special-purpose fibers, 1,1,1-TCA, Xylenes
Clay, Glass & Stone Products (SIC 32xx)	Asbestos Mill/Processing (SIC 3292)	Cement Products, Floor Tile, Friction Material, Textiles	Ammonium chloride, Barium sulfate, Mineral fibers (asbestos and related), Special-purpose fibers, Zinc oxide
Clay, Glass & Stone Products (SIC 32xx)	Cement Manufacturing (SIC 3241)	Particulate, Gaseous, Aerosol Emissions including but not limited to: From stacks, feed to mill & air separator, kiln, dryers, grinders	Ammonium chloride, Barium sulfate, Benzene, Beryllium, Cadmium, Chromium, Cobalt, Copper, Calcium cyanide, Formaldehyde, Hydrogen chloride, Lead, Manganese, Mica, Mineral fibers (asbestos and related), Nickel, PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene, PCBs, Tri-n-butyl phosphate, Wollastonite, Zinc, Zinc oxide, All listed metals specified in Appendix A
Clay, Glass & Stone Products (SIC 32xx)	Cement Manufacturing	Clinker Cooler, Combustion Processes -- Also see Combustion, Appendix C-I	Benzene, Formaldehyde, Hydrogen chloride, PAH/PAH-derivatives/POM from combustion, PCBs, All listed metals specified in Appendix A
Clay, Glass & Stone Products (SIC 32xx)	Cement Manufacturing	Dry Processes, Hydraulic, Wet Process	Arsenic, Cadmium, Chlorine, Chromium, Copper, Hydrogen chloride, Lead, Mercury, Nickel, Toluene, Zinc
Clay, Glass & Stone Products (SIC 32xx)	Clay Products, Structural (SIC 325x)	Brick & Structural Clay Tile (SIC 3251)	Arsenic, Beryllium, Calcium oxide, Chromium hexavalent, Lead chromate, Chromium (III) Sulfate, Lead
Clay, Glass & Stone Products (SIC 32xx)	Clay Products, Structural (SIC 325x)	Ceramic Wall & Floor Tile (SIC 3253)	Antimony, Arsenic, Beryllium, Chromium hexavalent, Lead chromate, Chromium (III) Sulfate, Lead, Magnesium oxide, Manganese, Mineral fibers (asbestos and related), Vanadium pentoxide
Clay, Glass & Stone Products (SIC 32xx)	Clay Products, Structural (SIC 325x)	Clay Refractories (SIC 3255)	Aluminum oxide, Beryllium, Chromium, Chromium hexavalent, Lead chromate, Chromium (III) Sulfate, Mineral fibers, Mineral fibers (asbestos and related), Silicon carbide whiskers
Clay, Glass & Stone Products (SIC 32xx)	Concrete, Gypsum, & Plaster Products (SIC 327x)		Calcium oxide
Clay, Glass & Stone Products (SIC 32xx)	Concrete, Gypsum, & Plaster Products (SIC 327x)	Concrete Block & Brick (SIC 3271)	Aluminum, Chromium, Styrene and copolymers

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Clay, Glass & Stone Products (SIC 32xx)	Concrete, Gypsum, & Plaster Products (SIC 327x)	Concrete Products (SIC 3272)	Aluminum, Ammonia, Chromium, Gasoline vapors, Toluene, Zinc
Clay, Glass & Stone Products (SIC 32xx)	Concrete, Gypsum, & Plaster Products (SIC 327x)	Ready-mixed Concrete (SIC 3273)	Hydrogen sulfide, Mineral fibers (asbestos and related)
Clay, Glass & Stone Products (SIC 32xx)	Concrete, Gypsum, & Plaster Products (SIC 327x)	Lime (SIC 3274)	Calcium oxide, Mercury
Clay, Glass & Stone Products (SIC 32xx)	Cut Stone & Stone Products (SIC 3281)		Methyl methacrylate, Silicon carbide whiskers, Styrene and copolymers, TCE
Clay, Glass & Stone Products (SIC 32xx)	Flat Glass (SIC 3211)		Ammonia, Ammonium nitrate, Antimony, Arsenic, Arsenic trioxide, Boron oxide, Cadmium, Calcium oxide, Chlorine, Chromium, Cobalt, Cobalt compounds, Hydrogen, Indium tin oxide, Methyl ethyl ketone peroxide, Nickel, Nickel compounds, Selenium, Silica (crystalline, respirable), Tin, Tin oxide, Titanium dioxide, Titanium tetrachloride, Toluene, Vanadium pentoxide, Zinc oxide
Clay, Glass & Stone Products (SIC 32xx)	Gaskets, Packing, & Sealing Devices (SIC 3053)		Ammonia, Chlorobenzene, Gasoline vapors, Hydrogen chloride, Lead, Mineral fibers (asbestos and related), Special-purpose fibers, Toluene, TCE, Trimellitic anhydride, Zinc
Clay, Glass & Stone Products (SIC 32xx)	Glass & Glassware, Pressed & Blown (SIC 322x)		Ammonia, Antimony, Arsenic, Arsenic acid, Arsenic pentoxide, Arsenic trioxide, Arsine, Boron oxide, Cadmium, Calcium oxide, Carbon disulfide, Chlorine, 1,2,3-Trichlorobenzene, 2,4-Dichlorophenol, Chromium, Chromium hexavalent, Barium chromate, Cobalt, Cobalt compounds, Formaldehyde, Hydrogen chloride, Lead, Mercury, Methylene chloride, Nickel, Nickel compounds, Perchloroethylene, Selenium, Styrene and copolymers, Tin oxide, Titanium dioxide, Titanium tetrachloride, Toluene, 1,1,1-TCA, Vanadium pentoxide, Zinc oxide
Clay, Glass & Stone Products (SIC 32xx)	Glass & Glassware, Pressed & Blown (SIC 322x)	Glass Container Manufacturing, From glass furnace (SIC 3221)	Arsenic, Arsenic acid, Arsenic trioxide
Clay, Glass & Stone Products (SIC 32xx)	Glass & Glassware, Pressed & Blown (SIC 322x)	Pressed and Blown Glass and Glassware, Not Elsewhere Classified (SIC 3229)	Arsenic, Arsenic acid, Arsenic trioxide, n-Butyl alcohol, Carbon disulfide, Chlorinated diphenyl oxide, Chlorine, Hydrogen chloride, Methylene chloride, Mineral fibers (manmade), Nickel, Nickel compounds, Titanium dioxide
Clay, Glass & Stone Products (SIC 32xx)	Minerals, Ground or Treated (SIC 3295)		Barium, Chlorine, Chromium, Copper, Gasoline vapors, Hydrogen chloride

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Clay, Glass & Stone Products (SIC 32xx)	Mineral Wool Products (SIC 3296)		Ammonia, Carbon tetrachloride, Formaldehyde, Mineral fibers, Mineral fibers (asbestos and related), Phenol, Silica (crystalline, respirable), Special-purpose fibers
Clay, Glass & Stone Products (SIC 32xx)	Nonclay Refractories (SIC 3297)		Aluminum oxide, Ammonia, Beryllium, Chromium, Formaldehyde, Hydrogen chloride, Mineral fibers, Mineral fibers (asbestos and related), Phenol, Zinc, Zinc oxide
Clay, Glass & Stone Products (SIC 32xx)	Nonmetallic Mineral Products (SIC 3299)		Chlorine, Copper, Hydrogen chloride, Mineral fibers, Mineral fibers (asbestos and related), Styrene and copolymers, Toluene
Clay, Glass & Stone Products (SIC 32xx)	Pottery & Related Products (SIC 326x)		Aluminum oxide, Antimony, Beryllium, Beryllium oxide, Cobalt, Cobalt compounds, Lead, Molybdenum trioxide, Nickel, Nickel compounds, Phosphoric acid, Thorium-232 and its decay products, Silicon carbide whiskers, 1,1,1-TCA, Vanadium pentoxide, Wollastonite
Clay, Glass & Stone Products (SIC 32xx)	Pottery & Related Products (SIC 326x)	Vitreous Plumbing Fixtures (SIC 3261)	Styrene and copolymers, Toluene
Clay, Glass & Stone Products (SIC 32xx)	Pottery & Related Products (SIC 326x)	Fine Earthen Food Utensils (SIC 3263)	Ammonia, Beryllium, Copper, Hydrogen sulfide, Lead, Methyl bromide, PAH/PAH-derivatives/POM from combustion, Naphthalene, Perchloroethylene, Toluene, TCE, Zinc
Clay, Glass & Stone Products (SIC 32xx)	Purchased Glass Products (SIC 3231)		Acetaldehyde, Ammonia, Arsenic acid, Cadmium chloride, Dibutyl phthalate, Dimethyl phthalate, Formic acid, Silver, Toluene, TCE, Vinyl acetate, Xylenes
Clay, Glass & Stone Products (SIC 32xx)	Combustion Processes - see Combustion, Appendix C-I		
Clay, Glass & Stone Products (SIC 32xx)	Other Processes - see Other Processes, Appendix C-I		
Coal Combustion - see Combustion, Appendix C-I			
Coal, Wholesaling (SIC 5052)			Coal dust, Zinc, Zinc oxide
Coke Combustion - see Combustion, Appendix C-I			
Coke Production (SIC 2999)			Coal tar, PAHs and PAH-related compounds, POM, Toluene
Coke Production (SIC 2999)	Also see Metal Smelters, Appendix C-II		
Colleges & Universities (SIC 822x)	Miscellaneous		Benzene, Carbon tetrachloride, Chloroform, Dioxane, Formaldehyde, Mercury, Methylene chloride, Nitrobenzene, Phenol, Toluene, 1,1,1-TCA, Xylenes, All listed substances specified in Appendix A

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Colleges & Universities (SIC 822x)	Also see Chemical Manufacturing, Appendix C-II; Combustion, Appendix C-I; Research & Development, Appendix C-II; Solvent Use, Appendix C-I		
Combustion Processes - see Combustion, Appendix C-I			
Commercial/Institutional Combustion - see Combustion, Appendix C-I			
Cooling Towers - see Other Processes, Appendix C-I			
Correctional Institutions - see Combustion, Appendix C-I			
Cotton Ginning - see Agricultural Services, Appendix C-II			
Crematories, Human and Veterinary, and Funeral Service (SIC 7261, 8699)			Acetaldehyde, Arsenic, Cadmium, Chromium, Chromium hexavalent, Dioxins, Ethyl cyanoacrylate, Formaldehyde, Hydrochloric acid, Mercury, Methyl cyanoacrylate, Polychlorinated dibenzofurans
Crop Production - see Agricultural Production, Appendix C-II			
Dental Laboratories (SIC 8072)			Chromium, Cobalt, Indium and compounds, Nickel, Platinum
Dentists (SIC 802x)			Dimethyl-p-toluidine, Ethyl cyanoacrylate, EGDMA, Isocyanates, Methyl cyanoacrylate

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Dry Cleaning Operations (SIC 721x)			Benzenesulfonic acid, Bis(tributyltin) oxide, Chlorinated diphenyl oxide, Chloroform, 1,2-Dichloropropane, EDC, Fluorocarbons (Chlorinated), CFC-113, Ethylene glycol monobutyl ether, Hexane, MIBK, Naphtha (coal tar), Perchloroethylene, Toluene, 1,1,1-TCA, TCE
Dyeing of Textiles (SIC 226x)	Gaseous, aerosol, and particulate releases, including but not limited to:		Aniline hydrochloride, Anthranilic acid, Barium sulfate, Direct Black 38, Direct Blue 6, Direct Blue 218, Direct Brown 95, Bis(tributyltin) oxide, n-Butyl alcohol, sec-Butyl alcohol, Cadmium chloride, 5-Chloro-o-toluidine and its strong acid salts, Chromium (III) Sulfate, Cyclosiloxanes, D5, Diethyl sulfate, 3,3'-Dimethylbenzidine dihydrochloride, Endrin, Formic acid, Glycol ethers and their acetates, meta-Phenylenediamine, Methylamine, Perchloroethylene, Vanadium pentoxide, N-Vinyl-2-pyrrolidone
Dyeing of Textiles (SIC 226x)	Dyes		1-Amino-2,4-dibromoanthraquinone, Arsenic pentoxide, Auramine, Direct Black 38, Direct Blue 6, Direct Blue 218, Direct Brown 95, Chloroacetic acid, 2,4-Dichlorophenol, Chromium, Chromium hexavalent, Lead chromate, Sodium dichromate, Cobalt octoate, Copper, m-Cresidine, p-Cresidine, 2,4-Diaminoanisole, Dibenzofurans, 1,4-Dichloro-2-nitrobenzene, Diethyl sulfate, 3,3'-Dimethoxybenzidine, 3,3'-Dimethylbenzidine dihydrochloride, 3,3'-Dimethylbenzidine, Hexamethylenetetramine, Hydrazine, Methyl phenyl carbinol, 2,4-Xylidine
Dyeing of Textiles (SIC 226x)	Due to toxics in the solutions	Fixatives	Chromium, Chromium hexavalent, Lead chromate, Sodium dichromate, Copper
Dyeing of Textiles (SIC 226x)	Due to toxics in the solutions	Oxidizing Agents	Chromium, Chromium hexavalent, Lead chromate, Sodium dichromate
Dyeing of Textiles (SIC 226x)	Due to toxics in the solutions	Dyeing Aids	Acetonitrile, Ammonium chloride, Ammonium sulfate, Bromoform, Chlorine, Chromium hexavalent, Sodium dichromate, 2,4-Diaminoanisole, Dibenzofurans, Formaldehyde, Lead acetate, Perchloroethylene, Sodium hydroxide, Thioacetamide, Toluene sulfonic acids, Vanadium pentoxide, N-Vinyl-2-pyrrolidone
Dyeing of Textiles (SIC 226x)	Combustion Processes - see Combustion, Appendix C-I		
Eating Places (Restaurants, Fast Food, Cafeterias, Grills, Caterers, etc.) (SIC 5812)			Dibenz[a,h]acridine, MeIQ, MeIQx, PAH/PAH-derivatives/POM from combustion, Styrene and copolymers

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Electrical Assembly Cleaning - see Degreasing, Appendix C-I			
Electrical & Electronic Equipment (SIC 36xx)			Acetaldehyde, Acrolein, Acrylamide, Ammonia, Arsenic, Arsenic compounds (inorganic), Benzene, Beryllium, 1,3-Butadiene, Cadmium, Chlorine, 1,2,3-Trichlorobenzene, Chloroform, Chromium, Chromium hexavalent, Copper, Cresols, Cyclosiloxanes, D6, Diesel engine PM, Di(2-ethylhexyl) phthalate, 1,4-Dioxane, Epichlorohydrin, Epoxy resins, Ethyl benzene, EDC, Flame retardants, Hydrogen fluoride, Fluorocarbons (Chlorinated), Formaldehyde, Glycol ethers and their acetates, Propylene glycol monomethyl ether acetate, Hydrochloric acid, Isocyanates, Toluene diisocyanates, Isopropyl alcohol, Lead, Manganese, Methanol, Methylene chloride, Michler's ketone, Mineral fibers (asbestos and related), Nickel, Nitric acid, PAHs and PAH-related compounds, Naphthalene, Perchloroethylene, Phosphorus, Phosphine, Silica (crystalline, respirable), Sodium hydroxide, Styrene, Sulfuric acid, Thiourea, Toluene, 1,1,1-TCA, TCE, Xylenes, Zinc, All listed substances specified in Appendix A
Electrical & Electronic Equipment (SIC 36xx)	Miscellaneous (SIC 369x)		Aluminum diethyl phosphinate, Arsenic, Arsenic trioxide, Beryllium, Beryllium oxide, Boron oxide, Boron trichloride, Cadmium, Carbon nanotubes, 1,2,4-Trichlorobenzene, Copper, 1,4-Dioxane, Ethyl cyanoacrylate, Ethylene, CFC-113, Trichlorofluoromethane, Gallium arsenide, Glycol ethers and their acetates, Propylene glycol t-butyl ether, Indium tin oxide, Isoprene, Methyl cyanoacrylate, Methyl iodide, Methylene chloride, Mica, Nickel, Nickel compounds, PCBTF, Perchloroethylene, Perchloryl fluoride, Perfluoro and polyfluoro compounds, Triphenyl phosphate, Platinum, Rhodium, Ruthenium, Selenium, Silica (crystalline, respirable), Silver, Sodium aluminum fluoride, Sulfuric acid, Tetrahydrobenzaldehyde, Titanium dioxide, 1,1,1-TCA, TCE, Yttrium and compounds, Zinc oxide
Electrical & Electronic Equipment (SIC 36xx)	Communication Equipment (SIC 366x)	Radio & TV Communication Equipment (SIC 3663)	Formaldehyde, Glycol ethers and their acetates, Hydrogen chloride, Hydrogen sulfide, Toluene diisocyanates, Lead, Methylene chloride, Perchloroethylene, Thorium-232 and its decay products, Toluene, 1,1,1-TCA, TCE, Xylenes, Zinc
Electrical & Electronic Equipment (SIC 36xx)	Communication Equipment (SIC 366x)	Telephone & Telegraph Apparatus (SIC 3661)	Ammonia, Copper, Formaldehyde, Hydrogen chloride, Methylene chloride, Perchloroethylene, Styrene and copolymers, Toluene, 1,1,1-TCA, TCE, Xylenes

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Electrical & Electronic Equipment (SIC 36xx)	Electric Distribution Equipment (SIC 361x)		Ammonia, Chlorotrifluoromethane, PAHs and PAH-related compounds, Naphthalene, PCBTF, Perchloryl fluoride, Toluene, 1,1,1-TCA, TCE
Electrical & Electronic Equipment (SIC 36xx)	Electric Distribution Equipment (SIC 361x)	Transformers (SIC 3612)	Ammonia, Beryllium, Chlorotrifluoromethane, Hydrogen chloride, Lead, Methylene chloride, PAHs and PAH-related compounds, Naphthalene, PCBs, PCBTF, Perchloroethylene, Toluene, 1,1,1-TCA, TCE, Vinyl chloride, Xylenes, Zinc oxide
Electrical & Electronic Equipment (SIC 36xx)	Electric Distribution Equipment (SIC 361x)	Switchgear & Switchboard Apparatus (SIC 3613)	Ammonia, Formaldehyde, Hydrogen chloride, Perchloroethylene, Rhodium, Ruthenium, Toluene, 1,1,1-TCA, TCE
Electrical & Electronic Equipment (SIC 36xx)	Electrical Industrial Apparatus (SIC 362x, 3548)		Ammonia, Arsenic, Copper, Hydrogen chloride, Lead, Mercury, PAHs and PAH-related compounds, Benzo[a]pyrene, PCBs, Perchloroethylene, Tin, Toluene, 1,1,1-TCA, TCE
Electrical & Electronic Equipment (SIC 36xx)	Electrical Industrial Apparatus (SIC 362x, 3548)	Motors & Generators (SIC 3621)	Ammonia, Decahydronaphthalene, Formaldehyde, Hydrogen chloride, Lead, PAHs and PAH-related compounds, Naphthalene, Phenol, Styrene and copolymers, Toluene, 1,1,1-TCA, TCE
Electrical & Electronic Equipment (SIC 36xx)	Electrical Industrial Apparatus (SIC 362x, 3548)	Industrial Controls (SIC 3625)	Ammonia, Styrene and copolymers, Toluene, 1,1,1-TCA, TCE
Electrical & Electronic Equipment (SIC 36xx)	Electrical Industrial Apparatus (SIC 362x, 3548)	Welding Apparatus, Electric (SIC 3548)	Nickel, Propionitrile, Thorium-232 and its decay products, Toluene
Electrical & Electronic Equipment (SIC 36xx)	Electrical Industrial Apparatus (SIC 362x, 3548)	Carbon & Graphite Products (SIC 3624)	Chlorine, Hydrogen chloride, Hydrogen sulfide, PAHs and PAH-related compounds, Benzo[a]pyrene, Propionitrile, Styrene and copolymers

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Electrical & Electronic Equipment (SIC 36xx)	Electronic Components & Accessories (SIC 367x, 3691, 3692)		Acetaldehyde, Ammonia, Arsenic, Benzene, Benzyl chloride, Beryllium, n-Butyl glycidyl ether, Cadmium, Cadmium chloride, Chlorine, Chloroform, Chromium, Chromium hexavalent, Copper, 1,4-Dioxane, Epichlorohydrin, EDC, Formaldehyde, Gallium arsenide, Gasoline vapors, Glycol ethers and their acetates, Hydrazine, Hydrogen chloride, Hydrogen sulfide, Indium and compounds, Toluene diisocyanates, Lead, Manganese, Mercury, Methylene chloride, Nickel, PAHs and PAH-related compounds, Naphthalene, PCBs, Perchloroethylene, Phenol, Phosgene, Propionitrile, Silver, Styrene and copolymers, Toluene, 1,1,1-TCA, TCE, Xylenes, Zinc, Zinc oxide
Electrical & Electronic Equipment (SIC 36xx)	Electronic Components & Accessories (SIC 367x, 3691, 3692)	Batteries (SIC 3691, 3692)	Mercury, Thionyl chloride
Electrical & Electronic Equipment (SIC 36xx)	Electronic Components & Accessories (SIC 367x, 3691, 3692)	Batteries, Primary, Dry & Wet (SIC 3692)	Ammonium chloride, Antimony, Cadmium, Chromium hexavalent, Barium chromate, Calcium chromate, Sodium dichromate, Indium and compounds, Lead, Mercury, Nickel, PAHs and PAH-related compounds, Naphthalene, Pentachloronaphthalene, Silver, Zinc, Zinc oxide
Electrical & Electronic Equipment (SIC 36xx)	Electronic Components & Accessories (SIC 367x, 3691, 3692)	Batteries, Storage (SIC 3691)	Allyl cyanide, Antimony, Beryllium, Cadmium, Chromium hexavalent, Barium chromate, Calcium chromate, Sodium dichromate, Cobalt compounds, N-Nitrosodimethylamine, 3,5-Dinitrotoluene, Lead, Manganese, Mercury, Nickel, Nickel compounds, Pentachloronaphthalene, Silver, 1,1,1-TCA, Zinc, Zinc oxide
Electrical & Electronic Equipment (SIC 36xx)	Electronic Components & Accessories (SIC 367x, 3691, 3692)	Cathode Ray Picture Tubes (SIC 3671)	Barium, Beryllium, Lead
Electrical & Electronic Equipment (SIC 36xx)	Electronic Components & Accessories (SIC 367x, 3691, 3692)	Electron Tubes, Transmitting (SIC 3671)	Ammonia, Benzene, Beryllium, Cadmium, Carbon disulfide, Chromium, Copper, Hydrogen chloride, Indium phosphide, Lead, Nickel, Styrene and copolymers, Toluene, TCE, Xylenes
Electrical & Electronic Equipment (SIC 36xx)	Electronic Components & Accessories (SIC 367x, 3691, 3692)	Electron Capacitors (SIC 3675)	Allyl chloride, Chromium, Epichlorohydrin, Lead, Methylene chloride, Palladium, Pentachloronaphthalene, 1,1,1-TCA, TCE

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Electrical & Electronic Equipment (SIC 36xx)	Electronic Components & Accessories (SIC 367x, 3691, 3692)	Miscellaneous (SIC 3679)	Tetrachlorobenzene (mixed isomers), 1,2,3,4-Tetrachlorobenzene, 1,2,4,5-Tetrachlorobenzene, Chloroprene, Silica (crystalline, respirable)
Electrical & Electronic Equipment (SIC 36xx)	Integrated Circuit Board Manufacturing (SIC 3672, 3674)	From: developer, stripper	n-Butyl glycidyl ether, Glycol ethers and their acetates, Ethylene glycol monobutyl ether, N-Methylpyrrolidone
Electrical & Electronic Equipment (SIC 36xx)	Integrated Circuit Board Manufacturing (SIC 3672, 3674)	screening-hardener	Formaldehyde, Magnesium oxide, Methylene chloride
Electrical & Electronic Equipment (SIC 36xx)	Integrated Circuit Board Manufacturing (SIC 3672, 3674)	Semiconductors & Related Devices (SIC 3674)	Ammonia, Ammonium chloride, Arsenic, Arsine, Beryllium, Boron tribromide, Boron trichloride, Carbon nanotubes, Carbon tetrachloride, Chlorine, Chlorobenzene, Cobalt [II] oxide, 1,2-Dichloroethylene (cis, trans), 1,4-Dioxane, Ethylene glycol, Hydrogen fluoride, Gallium arsenide, Germanium tetrahydride, Glycol ethers and their acetates, n-Hexanethiol, Hydrazine, Hydrochloric acid, Hydrogen chloride, Indium and compounds, Indium phosphide, Toluene diisocyanates, Lead, Mercury, Methanol, Methylene chloride, 2-Methylimidazole, Nickel, Nitromethane, Perylene, Pentachloronaphthalene, Perchloroethylene, Perfluoroisobutylene, Phenol, Phosphene, Phosphine, Phosphoric acid, Phosphorus oxychloride, Platinum, Ruthenium, Selenium, Hydrogen selenide, Silicon carbide whiskers, Styrene and copolymers, Thallium, Toluene, 1,1,1-TCA, TCE, Xylenes, Zinc, Zinc oxide, Zinc phosphide
Electrical & Electronic Equipment (SIC 36xx)	Integrated Circuit Board Manufacturing (SIC 3672, 3674)	Solvent Stations - see Liquid Storage & Transfer, Appendix C-I	
Electrical & Electronic Equipment (SIC 36xx)	Integrated Circuit Board Manufacturing (SIC 3672, 3674)	Wet Chemical Stations	Propionitrile
Electrical & Electronic Equipment (SIC 36xx)	Integrated Circuit Board Manufacturing (SIC 3672, 3674)	Manufacturing Process Reactors (Siliconizing)	Indium and compounds
Electrical & Electronic Equipment (SIC 36xx)	Integrated Circuit Board Manufacturing (SIC 3672, 3674)	Chemical Vapor Deposition	Chlorotrifluoromethane
Electrical & Electronic Equipment (SIC 36xx)	Integrated Circuit Board Manufacturing (SIC 3672, 3674)	Diffusion Furnaces - see Combustion, Appendix C-I	

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Electrical & Electronic Equipment (SIC 36xx)	Integrated Circuit Board Manufacturing (SIC 3672, 3674)	Photoresist Lines	N-Methylpyrrolidone
Electrical & Electronic Equipment (SIC 36xx)	Integrated Circuit Board Manufacturing (SIC 3672, 3674)	Surface Coating/Cleaning - see Solvent Use, Appendix C-I	
Electrical & Electronic Equipment (SIC 36xx)	Household Appliances (SIC 363x)		Mineral fibers (asbestos and related), PBBs
Electrical & Electronic Equipment (SIC 36xx)	Household Appliances (SIC 363x)	Electric Housewares/Fans (SIC 3634)	Beryllium, Toluene
Electrical & Electronic Equipment (SIC 36xx)	Household Appliances (SIC 363x)	Household Cooking Equipment (SIC 3631)	Beryllium oxide, Perfluoro and polyfluoro compounds, Acrylonitrile-butadiene-styrene copolymers, 1,1,1-TCA, TCE
Electrical & Electronic Equipment (SIC 36xx)	Household Appliances (SIC 363x)	Household Laundry Equipment (SIC 3633)	Perchloroethylene, Toluene
Electrical & Electronic Equipment (SIC 36xx)	Household Appliances (SIC 363x)	Household Refrigerators & Freezers (SIC 3632)	Toluene
Electrical & Electronic Equipment (SIC 36xx)	Household Appliances (SIC 363x)	Sewing Machines (SIC 3639)	Beryllium, Toluene, 1,1,1-TCA
Electrical & Electronic Equipment (SIC 36xx)	Electric Lighting & Wiring Equipment (SIC 364x)		Benzenesulfonic acid, Chloroprene, Methyl methacrylate, Toluene, TCE
Electrical & Electronic Equipment (SIC 36xx)	Electric Lighting & Wiring Equipment (SIC 364x)	Electric Lamps (SIC 3641)	Ammonia, Cadmium, Hafnium and compounds, Indium and compounds, Mercury, 5-Nitroacenaphthene, Toluene, 1,1,1-TCA, TCE
Electrical & Electronic Equipment (SIC 36xx)	Electric Lighting & Wiring Equipment (SIC 364x)	Lighting Fixtures (SIC 3645, 3646)	Methyl methacrylate
Electrical & Electronic Equipment (SIC 36xx)	Electric Lighting & Wiring Equipment (SIC 364x)	Lighting Fixtures, Commercial (SIC 3646)	Hafnium and compounds, Toluene, 1,1,1-TCA
Electrical & Electronic Equipment (SIC 36xx)	Electric Lighting & Wiring Equipment (SIC 364x)	Lighting Fixtures, Residential (SIC 3645)	Ammonia, Hafnium and compounds, Hydrazine, Toluene, 1,1,1-TCA, TCE
Electrical & Electronic Equipment (SIC 36xx)	Electric Lighting & Wiring Equipment (SIC 364x)	Wiring Devices (SIC 3643, 3644)	Chlorinated diphenyl oxide, Chloroprene, Copper

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Electrical & Electronic Equipment (SIC 36xx)	Electric Lighting & Wiring Equipment (SIC 364x)	Wiring Devices, Current-Carrying (SIC 3643)	Ammonia, Tetrachlorobenzene (mixed isomers), 1,2,3,4-Tetrachlorobenzene, 1,2,4,5-Tetrachlorobenzene, Copper, Formaldehyde, Hydrogen chloride, Toluene diisocyanates, Manganese, Methylene chloride, Nickel, Perchloroethylene, Perfluoro and polyfluoro compounds, Phenol, Selenium hexafluoride, Toluene, 1,1,1-TCA, TCE, Zinc
Electrical & Electronic Equipment (SIC 36xx)	Electric Lighting & Wiring Equipment (SIC 364x)	Wiring Devices, Noncurrent-Carrying (SIC 3644)	Chlorinated diphenyl oxide, Tetrachlorobenzene (mixed isomers), 1,2,3,4-Tetrachlorobenzene, 1,2,4,5-Tetrachlorobenzene, Copper, Hydrogen chloride, Selenium hexafluoride, Styrene and copolymers, Toluene, TCE, Vinyl chloride, Zinc
Electrical & Electronic Equipment (SIC 36xx)	Radio & TV Receiving Sets (SIC 3651)		Ammonia, Indium and compounds, Toluene, 1,1,1-TCA, TCE, Xylenes
Electrical & Electronic Equipment (SIC 36xx)	Semiconductor Production - see Electric & Electronic Equipment, Integrated Circuit, Appendix C-II		
Electrical & Electronic Equipment (SIC 36xx)	X-Ray Apparatus & Tubes (SIC 3844)		Beryllium, Hydrogen chloride, Perchloroethylene, Toluene, 1,1,1-TCA
Electric, Gas, & Sanitary Services (SIC 49xx)			Acetaldehyde, Acrolein, Acrylonitrile, Ammonia, Ammonium sulfate, Arsenic, Arsenic compounds (inorganic), Barium, Benzene, Benzyl chloride, Beryllium, Biphenyl, Bromine, 1,3-Butadiene, Cadmium, Carbon tetrachloride, Carbonyl sulfide, Chlorine, 1,4-Dichlorobenzene, Chloroform, Chromium, Chromium hexavalent, Copper, Cyclohexane, Diesel engine PM, Diesel engine TOG, 7,12-Dimethylbenz[a]anthracene, 1,4-Dioxane, Dioxins, Ethyl benzene, EDB, EDC, Ethylene thiourea, Ethylidene dichloride, Fluorides and compounds, Hydrogen fluoride, Fluorocarbons (Chlorinated), Formaldehyde, Gasoline vapors, Glutaraldehyde, Hexane, Hydrazine, Hydrochloric acid, Hydrogen sulfide, Isopropyl alcohol, Lead, Manganese, Mercury, Methanol, Methyl ethyl ketone, MIBK, Methylene chloride, Asbestos, Nickel, PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene, Benzo[b]fluoranthene, Naphthalene, Phenanthrene, Pyrene, PCBs, Perchloroethylene, Phosphorus, Phosphoric acid, Polychlorinated dibenzofurans, Propylene, Propylene oxide, Selenium, Silica (crystalline, respirable), Sodium hydroxide, Styrene, Succinic anhydride, Sulfuric acid, 1,1,2,2-Tetrachloroethane, Toluene, 1,1,1-TCA, 1,1,2-TCA, TCE, 1,2,4-Trimethylbenzene, Vinyl chloride, Xylenes, Zinc, All listed substances specified in Appendix A

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Electric, Gas, & Sanitary Services (SIC 49xx)	Combustion Processes - see Combustion, Appendix C-I		
Electric, Gas, & Sanitary Services (SIC 49xx)	Cooling Towers - see Other Processes, Appendix C-I		
Electric, Gas, & Sanitary Services (SIC 49xx)	Electric Services (SIC 4911)		Acetaldehyde, Arsenic, Benzene, Beryllium, Cadmium, Chromium, Copper, Formaldehyde, Lead, Manganese, Mercury, Nickel, PAH/PAH-derivatives/POM from combustion, Benzo[a]pyrene, PCBs, 1,1,1-TCA
Electric, Gas, & Sanitary Services (SIC 49xx)	Gas & Other Services (SIC 492x, 4932)		Dimethyl disulfide, Ethyl mercaptan, Hydrogen sulfide
Electric, Gas, & Sanitary Services (SIC 49xx)	Water Supply (SIC 4941)		Arsenic, Bromochloroacetonitrile, Bromodichloroacetic acid, Bromodichloromethane, 3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone, Chromium, Cyclosiloxanes, D6, Dibromoacetic acid, Dibromoacetonitrile, Hydrogen chloride, Hydrogen sulfide, Mercury, Nitrilotriacetic acid, Pentachloronitrobenzene, Perchloroethylene, Silica (crystalline, respirable), Silver, Sodium chlorite, Sodium dimethyldithiocarbamate, Sodium fluoride, Sodium hydroxide, 1,1,1-TCA, TCE
Electric, Gas, & Sanitary Services (SIC 49xx)	Sanitary Services (SIC 495x)		Benzene, 3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone, Chloroform, EDC, Methylene chloride, Perchloroethylene, 1,1,1-TCA, TCE, Vinyl chloride
Electric, Gas, & Sanitary Services (SIC 49xx)	Sanitary Services, Refuse Systems (SIC 4953)		Ammonia, Arsenic, Beryllium, Cadmium, Chlorine, Chromium, Copper, Hydrogen chloride, Lead, Manganese, Mercury, Nickel, PAH/PAH-derivatives/POM from combustion, PCBs, POM, Toluene, Vinyl chloride, Zinc
Electric, Gas, & Sanitary Services (SIC 49xx)	Sanitary Services, Refuse Systems (SIC 4953)	Also see Landfills, Appendix C-II	
Electric, Gas, & Sanitary Services (SIC 49xx)	Sewerage Systems (SIC 4952)		Ammonia, Arsenic, Cadmium, 3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone, Chromium, Copper, Hydrogen chloride, Lead, Mercury, Nickel, Propionitrile, Trimethylamine, Zinc
Electric, Gas, & Sanitary Services (SIC 49xx)	Sewerage Systems (SIC 4952)	Also see Publicly Owned Treatment Works (POTWs), Appendix C-II	
Electric, Gas, & Sanitary Services (SIC 49xx)	Steam Supply (SIC 4961)		Benzene, Biphenyl, 3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone, Formaldehyde, Morpholine, Toluene

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Electroplating - see Metal Plating, Appendix C-II			
Extermination - see Other Processes, Pesticide Use, Appendix C-I			
Felt Manufacturing (SIC 2231, 2299)			Benzofuran, 2,4-Diaminoanisoole, Mineral fibers (asbestos and related)
Fiberboard Manufacturing - see Wood Product Manufacturing, Appendix C-II			
Floor Cover Manufacturing, Hard Surface (SIC 3996)			Barium sulfate, Benzene, Flame retardants, Isocyanates, Vinyl chloride
Floor Tile Manufacturing (SIC 3253)			Flame retardants, Isocyanates, Mineral fibers (asbestos and related), Phthalates, Zinc oxide
Food Products Manufacturing (SIC 20xx)	Miscellaneous (SIC 20xx, 2099)		<p>Allyl isothiocyanate, Allyl propyl disulfide, Aluminum, Aluminum oxide, 1-Amino-2,4-dibromoanthraquinone, Benzaldehyde, Benzenethiol, Potassium bromate, n-Butyl alcohol, sec-Butyl alcohol, tert-Butyl alcohol, gamma-Butyrolactone, Calcium oxide, Caprolactam, Cresols, Diacetyl, Di(2-ethylhexyl) phthalate, Ethyl acrylate, Ethylene, Ethylene glycol, Glyceraldehyde, 2,4-Hexadienal, Hexamethylenetetramine, Hydrogen peroxide (>5%), Iodine, Isobutyl alcohol, Isobutylene, Isocyanates, Isophorone, Lauroyl peroxide, Methyl phenyl carbinol, 4-Methylimidazole, 2-Methylpyridine, Mica, beta-Myrcene, Parabens, 2,3-Pentanedione, 1-Pentanethiol, Perchloroethylene, Phenol, 1-Propanethiol, Silica (crystalline, respirable), Silver, Subtilisins, Succinic anhydride, Sulfur dioxide, Tetrakis(hydroxymethyl)phosphonium sulfate, Toluene</p>
Food Products Manufacturing (SIC 20xx)	Bakery Products (SIC 205x)		Adipic acid, Benzene, Benzenethiol, Potassium bromate, gamma-Butyrolactone, Formaldehyde, beta-Myrcene, Toluene

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Food Products Manufacturing (SIC 20xx)	Beverages (SIC 208x, 2023)		Acetal, Ammonia, Benzenethiol, gamma-Butyrolactone, Cobalt chloride (hexahydrate), Cobalt [II] oxide, Cyclosiloxanes, D4, Ethyl acetate, Formaldehyde, Formic acid, Manganese, beta-Myrcene, Silica (crystalline, respirable), Sodium fluoride, N-Vinyl-2-pyrrolidone
Food Products Manufacturing (SIC 20xx)	Beverages (SIC 208x, 2023)	Milk (Condensed & Evaporated) (SIC 2023)	Ammonia, Benzene, Formaldehyde, beta-Propiolactone, Toluene
Food Products Manufacturing (SIC 20xx)	Beverages (SIC 208x, 2023)	Soft Drinks (SIC 2086)	Arsenic, Ethyl acetate, Manganese, Phosphoric acid, Toluene, N-Vinyl-2-pyrrolidone
Food Products Manufacturing (SIC 20xx)	Canned Foods (SIC 203x)		Acetic acid, Arsenic, Benzene, Formaldehyde, Toluene
Food Products Manufacturing (SIC 20xx)	Fats & Oils (SIC 207x)		Benzoyl peroxide, EDC, Hexane, Methylene chloride, beta-Napthol, Silica (crystalline, respirable), Sodium chlorite
Food Products Manufacturing (SIC 20xx)	Fats & Oils (SIC 207x)	Shortening & Cooking Oils (SIC 2079)	n-Butyl alcohol, sec-Butyl alcohol, Nickel, Sodium chlorite, Sodium methoxide, Toluene
Food Products Manufacturing (SIC 20xx)	Fats & Oils (SIC 207x)	Soybean Oil Mills (SIC 2075)	EDC, Sodium chlorite
Food Products Manufacturing (SIC 20xx)	Flavoring Agents		Acetal, Acetaldehyde, Acetic acid, Acetophenone, Allyl isothiocyanate, Allyl isovalerate, Allyl propyl disulfide, Ammonium chloride, Ammonium sulfate, Benzaldehyde, Benzophenone, n-Butyl alcohol, sec-Butyl alcohol, tert-Butyl alcohol, gamma-Butyrolactone, Caprolactam, Cresols, Crotonaldehyde, Cyclohexanol, Cyclohexanone, Diacetyl, Dimethyl disulfide, Ethyl acrylate, Ethyl mercaptan, Ethyl methacrylate, Formic acid, Furfural, Furfuryl alcohol, Glutaraldehyde, Ethylene glycol monobutyl ether, 2,3-Heptanedione, 1-Heptanethiol, 2,4-Hexadienal, 2,3-Hexanedione, n-Hexanethiol, Hydrochloric acid, Hydrogen sulfide, Isophorone, Isoprene, Isopropyl alcohol, Methyl ethyl ketone, MIBK, Methyl isopropyl ketone, Methyl methacrylate, Methyl phenyl carbinol, beta-Myrcene, 1-Pentanethiol, Phenol, 1-Propanethiol, Propionaldehyde, n-Propyl alcohol, Pyridine

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Food Products Manufacturing (SIC 20xx)	Food Preparation, Misc (SIC 20xx, 209x)		Acetaldehyde, Adipic acid, Benzene, Benzidine, Benzoyl peroxide, Potassium bromate, gamma-Butyrolactone, Calcium oxide, Carbon tetrachloride, Chloroform, Chloroprene, Cyclosiloxanes, D4, D6, N-Nitrosodi-n-propylamine, Di(2-ethylhexyl) phthalate, Dimethyl sulfate, Epichlorohydrin, Ethylene glycol, ETO, Formaldehyde, Glutaraldehyde, Glyceraldehyde, Hydrogen peroxide (>5%), Iodine, Isopropyl alcohol, Magnesium oxide, Maleic anhydride, Parabens, Peracetic acid, Phosphoric acid, Silver, Sulfuric acid, Titanium dioxide
Food Products Manufacturing (SIC 20xx)	Grain Mill Products (SIC 204x)		Fusarium, Iron oxide, All relevant pesticides that are listed substances as specified in Appendix A (see Note 19 of Appendix A)
Food Products Manufacturing (SIC 20xx)	Grain Mill Products (SIC 204x)	Prepared Feeds (SIC 2048)	Acrolein, Iodine, Magnesium oxide, Methyl bromide, Silica (crystalline, respirable)
Food Products Manufacturing (SIC 20xx)	Grain Mill Products (SIC 204x)	Wet Corn Milling (SIC 2046)	Chlorine, Hydrochloric acid
Food Products Manufacturing (SIC 20xx)	Manufactured Ice (SIC 2097)		Arsenic, Cadmium chloride
Food Products Manufacturing (SIC 20xx)	Meat Packing Plants (SIC 2011, 2013)		Arsenic, Benzenethiol, 1,2-Dichloroethylene (cis, trans), Formaldehyde, Hydrochloric acid, beta-Myrcene, Parabens, Sodium methoxide
Food Products Manufacturing (SIC 20xx)	Meat Packing Plants (SIC 2011, 2013)	Sausages & Other Prepared Meats (SIC 2013)	Acetaldehyde, Ammonia, Anthracene oil or paste, Arsenic, Chloroform, Formaldehyde, Phenol, Toluene, 1,1,1-TCA
Food Products Manufacturing (SIC 20xx)	Roasted Coffee (SIC 2095)		Acetaldehyde, Acrolein, Ethyl acetate, Methylene chloride, TCE
Food Products Manufacturing (SIC 20xx)	Seafood, Canned & Cured (SIC 2091)		Acetaldehyde, Anthracene oil or paste, Arsenic, Hydrogen sulfide, Manganese
Food Products Manufacturing (SIC 20xx)	Sugar & Confectionery Products (SIC 206x)		gamma-Butyrolactone, Disodium cyanodithioimidocarbonate, Ethyl acetate, Hydrochloric acid, Phosphorus pentoxide
Food Products Manufacturing (SIC 20xx)	Sugar & Confectionery Products (SIC 206x)	Beet Sugar (SIC 2063)	Beryllium

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Food Products Manufacturing (SIC 20xx)	Sugar & Confectionery Products (SIC 206x)	Confectionery Products (SIC 2064)	Benzene, Formaldehyde, Parabens, Silica (crystalline, respirable), Toluene
Food Products Manufacturing (SIC 20xx)	Canning - see Canned Food Products, Appendix C-II		
Food Products Manufacturing (SIC 20xx)	Combustion Processes - see Combustion, Appendix C-I		
Food Products Manufacturing (SIC 20xx)	Solvents - see Solvent Use, Appendix C-I		
Food Products Manufacturing (SIC 20xx)	Sterilization - see Other Processes, Appendix C-I		
Food Products Machinery Manufacturing (SIC 3556)			Manganese, Methylene chloride, Perchloroethylene, 1,1,1-TCA, TCE
Foundries - see Metal Smelters & Foundries, Appendix C-II			
Forestry Services (SIC 0851)			Dioxins, PAHs and PAH-related compounds, Naphthalene, Polychlorinated dibenzofurans
Forestry Services (SIC 0851)	Also see Wood, Appendix C-II		
Fumigation of Agricultural Products - see Agricultural Services, Crop Preparation Services for Market, Appendix C-II			
Furniture & Fixture Manufacturing (SIC 25xx)			Ammonium sulfate, Di-n-propyl isocinchomeronate, Flame retardants, Methylene chloride, Perchloroethylene, Perfluoro and polyfluoro compounds, Styrene and copolymers, TCE
Furniture & Fixture Manufacturing (SIC 25xx)	Miscellaneous (SIC 259x)		Ethyl methacrylate, Lead acetate, Methylene chloride, Phthalic anhydride, Toluene, TCE

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Furniture & Fixture Manufacturing (SIC 25xx)	Drapery Hardware and Blinds & Shades (SIC 2591)		Arsenic pentoxide, Benzene, 1,1,1-TCA, Vinyl bromide
Furniture & Fixture Manufacturing (SIC 25xx)	Household Furniture (SIC 251x)		Special-purpose fibers, Vinyl bromide
Furniture & Fixture Manufacturing (SIC 25xx)	Household Furniture (SIC 251x)	Mattresses, Foundations, and Convertible Beds (SIC 2515)	Flame retardants, Isocyanates, Methylene bis(4-cyclohexylisocyanate), Phthalates, Vinyl bromide
Furniture & Fixture Manufacturing (SIC 25xx)	Household Furniture (SIC 251x)	Metal & Other Than Wood (SIC 2514, 2519)	Cresol, Toluene, TCE, Vinyl bromide, Xylenes
Furniture & Fixture Manufacturing (SIC 25xx)	Household Furniture (SIC 251x)	Wood, Upholstered (SIC 2512)	Arsenic, Cadmium, Copper, Flame retardants, Lead, Styrene and copolymers, Toluene, Vinyl bromide, Vinyl chloride
Furniture & Fixture Manufacturing (SIC 25xx)	Household Furniture (SIC 251x)	Wood, Except Upholstered (SIC 2511)	Ammonia, Bis(tributyltin) oxide, Methylene chloride, PAHs and PAH-related compounds, Naphthalene, Styrene and copolymers, Toluene, 1,1,1-TCA, TCE, Xylenes
Furniture & Fixture Manufacturing (SIC 25xx)	Household Furniture (SIC 251x)	Wood, TV & Radio Cabinets (SIC 2517)	Bis(tributyltin) oxide, Toluene
Furniture & Fixture Manufacturing (SIC 25xx)	Office Furniture (SIC 252x)	Other Than Wood (SIC 2522)	Ammonia, Arsenic pentoxide, Formaldehyde, Methylene chloride, Perchloroethylene, Styrene and copolymers, Toluene, 1,1,1-TCA, TCE, Vinyl bromide, Xylenes, Zinc oxide
Furniture & Fixture Manufacturing (SIC 25xx)	Office Furniture (SIC 252x)	Wood (SIC 2521)	Bis(tributyltin) oxide, Formaldehyde, Toluene diisocyanates, Methylene chloride, PAHs and PAH-related compounds, Naphthalene, Toluene, 1,1,1-TCA, TCE, Xylenes
Furniture & Fixture Manufacturing (SIC 25xx)	Partitions & Fixtures (SIC 254x)	Other Than Wood (SIC 2542)	Arsenic pentoxide, Methylene chloride, Perchloroethylene, Toluene, 1,1,1-TCA, TCE
Furniture & Fixture Manufacturing (SIC 25xx)	Partitions & Fixtures (SIC 254x)	Wood (SIC 2541)	Ammonia, Bis(tributyltin) oxide, Toluene diisocyanates, Toluene, TCE
Furniture & Fixture Manufacturing (SIC 25xx)	Public Building & Related Furniture (SIC 2531)		Ammonia, Arsenic pentoxide, Toluene, Vinyl bromide, Xylenes
Furniture & Fixture Manufacturing (SIC 25xx)	Combustion Process - see Combustion, Appendix C-I		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Furniture & Fixture Manufacturing (SIC 25xx)	Degreasing - see Solvent Use, Appendix C-I		
Furniture & Fixture Manufacturing (SIC 25xx)	Metal Working - see Metal, Appendix C-II		
Furniture & Fixture Manufacturing (SIC 25xx)	Surface Coating - see Solvent Use and Other Processes, Appendix C-I		
Furniture & Fixture Manufacturing (SIC 25xx)	Upholstery Manufacturing - see Textiles, Appendix C-II		
Furniture & Fixture Manufacturing (SIC 25xx)	Wood Working - see Wood, Appendix C-II		
Furniture Stores (SIC 5712, 7641)			Ammonia, Ammonium sulfate, Flame retardants, Methylene chloride, Toluene, 1,1,1-TCA
Furniture Stores (SIC 5712, 7641)	Furniture Repair/Reupholstering (SIC 7641)		Ammonia, Ammonium sulfate, Lead, Methylene chloride, Perfluoro and polyfluoro compounds, Styrene and copolymers, Toluene, Vinyl bromide, Vinyl chloride, Xylenes
Furniture Stores (SIC 5712, 7641)	Cleaning - see Dry Cleaning, Appendix C-II		
Gas Combustion - see Combustion, Appendix C-I			
Gas Stations (SIC 5541)			Benzene, tert-Butyl alcohol, EDB, EDC, Gasoline vapors, Toluene, Xylenes
Gas Stations (SIC 5541)	Liquid Storage & Transfer - see Liquid Storage & Transfer, Appendix C-I		
Gas Stations (SIC 5541)	Vehicle Refueling - see Other Processes, Appendix C-I		
Glass Products - see Clay, Glass & Stone Products, Appendix C-II			

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Grain Production - see Agricultural Production and Food Products, Appendix C-II			
Grain Wholesaling (SIC 5153)			Ammonia
Grey Iron Foundries - see Metal Smelters & Foundries, Appendix C-II			
Hospitals (SIC 806x, 807x)	General Medical & Surgical (SIC 8062)		Dimethyl-p-toluidine, ETO, Fluoroxene, EGDMA, Hydrochloric acid, Hydrogen chloride, Hydrogen sulfide, Iodoform, Methylene bis(4-cyclohexylisocyanate), Peracetic acid, Phenol, beta-Propiolactone, Iodine-131, Special-purpose fibers, Styrene and copolymers, Tricresyl phosphate, Uranium and compounds
Hospitals (SIC 806x, 807x)	Medical Labs (SIC 8071)		Acrolein, n-Butyronitrile, Dimethyl sulfate, ETO, Formaldehyde, Hydrochloric acid, p-tert-Butyl toluene
Hospitals (SIC 806x, 807x)	Combustion Processes - see Combustion, Appendix C-I		
Hospitals (SIC 806x, 807x)	Medical Instrument Manufacturing - see Instrument Manufacturing, Appendix C-II		
Hospitals (SIC 806x, 807x)	Research - see Research & Development, Appendix C-II		
Hospitals (SIC 806x, 807x)	Sterilizers - see Other Processes, Appendix C-I		
Incineration - see Combustion, Appendix C-I			
Industrial Combustion - see Combustion, Appendix C-I			

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Industrial Wastewater Treatment - see Other Processes, Appendix C-I			
Inorganic Chemical Manufacturing - see Chemical Manufacturing, Inorganic, Appendix C-II			
Instruments & Related Products (SIC 38xx)			Beryllium oxide, Flame retardants, CFC-113, Toluene, 1,1,1-TCA
Instruments & Related Products (SIC 38xx)	Engineering & Science Instruments (SIC 3826)		Aluminum oxide, Ammonia, Arsenic, Beryllium, Cadmium, Chromium, Copper, Ethyl cyanoacrylate, Formaldehyde, Hydrogen chloride, Lead, Methyl cyanoacrylate, Methylene chloride, Mineral fibers (asbestos and related), Perchloroethylene, Phenol, Toluene, 1,1,1-TCA, TCE, Zinc
Instruments & Related Products (SIC 38xx)	Measuring & Controlling Devices (SIC 382x)		Ammonia, EDB, ETO, Mercury, 1,1,2,2-Tetrabromoethane, Toluene
Instruments & Related Products (SIC 38xx)	Measuring & Controlling Devices (SIC 382x)	Environmental Controls (SIC 3822)	Beryllium, Chlorine, Hydrogen chloride, Mercury, TCE
Instruments & Related Products (SIC 38xx)	Measuring & Controlling Devices (SIC 382x)	Process Control Instruments (SIC 3823)	Beryllium, Cadmium, Hafnium and compounds, Hydrogen chloride, 1,1,2,2-Tetrabromoethane, Toluene, Zinc, Zinc oxide
Instruments & Related Products (SIC 38xx)	Measuring & Controlling Devices (SIC 382x)	Electricity Measuring Instruments (SIC 3825)	Beryllium, Toluene, 1,1,1-TCA
Instruments & Related Products (SIC 38xx)	Medical Instruments & Supplies (SIC 384x, 3851)		Ammonia, Beryllium, Hydrogen chloride, 2-Mercaptobenzothiazole, Methyl methacrylate, Acrylonitrile-butadiene-styrene copolymers, Toluene, TCE
Instruments & Related Products (SIC 38xx)	Medical Instruments & Supplies (SIC 384x, 3851)	Dental Equipment & Supplies (SIC 3843)	Ammonia, Benzoyl peroxide, Cadmium, Chlorine, ETO, Formaldehyde, Novolac resins, Phenol, Platinum, Tin, Toluene, 1,1,1-TCA, Zinc, Zinc oxide
Instruments & Related Products (SIC 38xx)	Medical Instruments & Supplies (SIC 384x, 3851)	Ophthalmic Goods (SIC 3851)	Acrylamide, Ammonia, Bisphenol-related chemicals, Dimethyl phthalate, Glycidyl methacrylate, 1,1,1-TCA, TCE, Vinyl acetate

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Instruments & Related Products (SIC 38xx)	Medical Instruments & Supplies (SIC 384x, 3851)	Surgical & Medical Instruments (SIC 3841)	ETO, Formaldehyde, Perchloroethylene, Platinum, Polychlorinated terphenyls, Toluene, 1,1,1-TCA, TCE, Zinc
Instruments & Related Products (SIC 38xx)	Medical Instruments & Supplies (SIC 384x, 3851)	Surgical Appliances & Supplies (SIC 3842)	Ammonia, Chromium, ETO, Formaldehyde, Hydrogen chloride, Lead, Methyl methacrylate, Mineral fibers (asbestos and related), Nickel, Toluene, 1,1,1-TCA, Vinylidene chloride
Instruments & Related Products (SIC 38xx)	Optical Instruments & Lenses (SIC 3827)		Acetaldehyde, Formaldehyde, Methylene chloride, Toluene, 1,1,1-TCA, TCE
Instruments & Related Products (SIC 38xx)	Photographic Equipment & Supplies (SIC 3861)		Acetaldehyde, Acrylonitrile, Ammonia, Arsenic, Barium sulfate, Benzene, Benzenesulfonic acid, Benzidine, Benzidine and its salts, Benzyl chloride, Bis(chloromethyl) ether, n-Butyl alcohol, Cadmium, Carbon tetrachloride, Chlorine, Chlorobenzene, Chloroform, Chromium, Di(2-ethylhexyl) phthalate, Dimethyl sulfate, 1,4-Dioxane, Epichlorohydrin, EDC, CFC-113, Formaldehyde, Ethylene glycol monomethyl ether, Ethylene glycol monomethyl ether acetate, Hydrazine, Hydrogen chloride, Toluene diisocyanates, Lead, Mercury, Methylene chloride, Mineral fibers (asbestos and related), Nickel, PAHs and PAH-related compounds, Naphthalene, Perchloroethylene, Phenol, Phosgene, Propylene oxide, Quinone, Silver, Styrene and copolymers, 1,1,1,2-Tetrachloroethane, Toluene, 1,1,1-TCA, TCE, Trimethylolpropane triacrylate, Vinyl chloride, Vinylidene chloride, Xylenes, Zinc, Zinc oxide
Instruments & Related Products (SIC 38xx)	Watches/Clocks/Watchcases (SIC 3873)		Hydrogen chloride, Toluene, TCE
Instruments & Related Products (SIC 38xx)	Watches/Clocks/Watchcases	Plating - see Metal Plating, Appendix C-II	
Instruments & Related Products (SIC 38xx)	Also see Combustion, Other Processes, and Solvent Use Appendix C-I; Metal, Plastic, and Rubber, Appendix C-II		
Jewelry, Silverware, & Plated Ware (SIC 391x, 396x)			Isocyanates
Jewelry, Silverware, & Plated Ware (SIC 391x, 396x)	Jewelry, Costume (SIC 3961)		Aluminum, Aluminum oxide, Ammonia, Chlorine, Ethyl cyanoacrylate, Hydrogen chloride, Lead, Methyl cyanoacrylate, Perchloroethylene, Rhodium, Silica (crystalline, respirable), Sulfuric acid, Toluene, TCE
Jewelry, Silverware, & Plated Ware (SIC 391x, 396x)	Jewelry, Precious Metal (SIC 3911)		Aluminum, Ammonia, Ethyl cyanoacrylate, CFC-113, Hydrogen chloride, Lead, Methyl cyanoacrylate, Platinum, Rhodium, Ruthenium, Silica (crystalline, respirable), Silver, Sulfuric acid, Toluene, 1,1,1-TCA, TCE

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Jewelry, Silverware, & Plated Ware (SIC 391x, 396x)	Jewelers Materials & Lapidary Work (SIC 3915)		Ammonia, Hydrogen chloride, Lead
Jewelry, Silverware, & Plated Ware (SIC 391x, 396x)	Silverware & Plated Ware (SIC 3914)		Ammonia, Beryllium, Hydrogen chloride, Lead, Silver, TCE
Jewelry, Silverware, & Plated Ware (SIC 391x, 396x)	Degreasing - see Solvent Use, Appendix C-I		
Landfills (SIC 4953)	Any/all operations, especially gas recovery and open fugitives		Benzene, Methylene chloride, 1-Methylnaphthalene, Methylnaphthalene (mixed), Mineral fibers (asbestos and related), PCBs, Perchloroethylene, Perfluoro and polyfluoro compounds, TCE, Trimethylamine, Vinyl chloride, Vinylidene chloride
Landfills (SIC 4953)	Combustion Processes - see Combustion, Appendix C-I		
Landfills (SIC 4953)	Fugitives - see Liquid Storage & Transfer, Appendix C-I		
Laundry, Cleaning, & Garment Services - see Dry Cleaning, Appendix C-II			
Leather & Leather Products (SIC 31xx)			Ammonium sulfate, 2,4,5-Trichlorophenol, Flame retardants, Leather dust, Methacrylic acid
Leather & Leather Products (SIC 31xx)	Leather Tanning & Finishing (SIC 3111)		Acetaldehyde, Acetic acid, Arsenic, Arsenic trioxide, Calcium oxide, Chromium, Chromium hexavalent, Sodium dichromate, Chromium (III) Sulfate, Copper, Crotonaldehyde, Cyclohexanol, Dimethyl formamide, Ethyl acrylate, Formaldehyde, Formic acid, Glyceraldehyde, Hydrochloric acid, Lead, Melamine, Mercuric chloride, Methyl acrylate, Methylamine, 4-Nitrophenol, PAHs and PAH-related compounds, Naphthalene, Quinone, Sodium dimethyldithiocarbamate, Tetrakis(hydroxymethyl)phosphonium chloride, Toluene, Vinyl bromide
Leather & Leather Products (SIC 31xx)	Footwear, not rubber (SIC 314x)		Toluene
Leather & Leather Products (SIC 31xx)	Personal Leather Goods (SIC 317x)		Toluene, TCE, Vinyl bromide

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Leather & Leather Products (SIC 31xx)	Tanning Processes (SIC 3111)	Tanning agents	Arsenic trioxide, Chromium, Chromium (III) Sulfate, Cresols, Formaldehyde, 1-Nitronaphthalene, Phenol
Leather & Leather Products (SIC 31xx)	Dyes, pigments, & coloring agents		Anthranilic acid, Arsenic pentoxide, Direct Black 38, Direct Blue 6, Direct Blue 218, Direct Brown 95, n-Butyl alcohol, sec-Butyl alcohol, Cadmium, Chloroacetic acid, 5-Chloro-o-toluidine and its strong acid salts, 2,4-Dichlorophenol, Chromium, Chromium hexavalent, Lead chromate, Sodium dichromate, Cobalt compounds, Cobalt octoate, Copper, m-Cresidine, p-Cresidine, 2,4-Diaminoanisole, 1,4-Dichloro-2-nitrobenzene, 3,3'-Dimethoxybenzidine, 3,3'-Dimethylbenzidine dihydrochloride, 3,3'-Dimethylbenzidine, Endrin, Ethylene glycol, Glutaraldehyde, Lead, meta-Phenylenediamine, Nickel, Uranium and compounds, Zinc compounds
Leather & Leather Products (SIC 31xx)	Miscellaneous (SIC 31xx)		Ammonia, Chlorine, Chlorine dioxide, 1,2-Dichlorobenzene, Chloroform, Cyclohexanol, Glutaraldehyde, Glycol ethers and their acetates, Hexane, Hydrochloric acid, Methylene chloride, Nabam, Perchloroethylene, 2-Phenylphenol, Sodium hydroxide, Sulfuric acid, Toluene, 1,1,1-TCA, TCE, Uranium and compounds, Vinyl bromide, Xylenes
Leather & Leather Products (SIC 31xx)	Combustion Processes - see Combustion, Appendix C-I		
Leather & Leather Products (SIC 31xx)	Liquid Storage and Transfer - see Liquid Storage & Transfer, Appendix C-I		
Leather & Leather Products (SIC 31xx)	Surface Coating - see Solvent Use and Other Processes, Appendix C-I		
Lumber Products Manufacturing - see Wood Product Manufacturing, Appendix C-II			

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Machinery Manufacturing, Except Electrical (SIC 35xx)			Acetaldehyde, Acrolein, Ammonia, Arsenic, Arsenic pentoxide, Benzene, Beryllium, 1,3-Butadiene, Cadmium, Chromium, Chromium hexavalent, Strontium chromate, Copper, Dibromoacetonitrile, Diesel engine PM, 1,4-Dioxane, Ethyl benzene, EDC, Fluorocarbons (Chlorinated), CFC-113, Formaldehyde, Glycol ethers and their acetates, Hydrochloric acid, Isocyanates, Isopropyl alcohol, Lead, Manganese, 2-Mercaptobenzothiazole, Methanol, Methyl ethyl ketone, Methylene chloride, Nickel, PAHs and PAH-related compounds, Naphthalene, Perchloroethylene, Phenol, Polychlorinated terphenyls, Silica (crystalline, respirable), Sodium hydroxide, Styrene, Toluene, 1,1,1-TCA, TCE, 1,2,4-Trimethylbenzene, Xylenes, Zinc, All listed substances specified in Appendix A
Machinery Manufacturing, Except Electrical (SIC 35xx)	Construction & Related Machinery (SIC 353x)		Copper, Dibromoacetonitrile, Manganese
Machinery Manufacturing, Except Electrical (SIC 35xx)	Construction & Related Machinery (SIC 353x)	Construction Machinery (SIC 3531)	Carbon tetrachloride, Dibromoacetonitrile, Hydrogen chloride, Perchloroethylene, Toluene
Machinery Manufacturing, Except Electrical (SIC 35xx)	Construction & Related Machinery (SIC 353x)	Conveyors & Conveying Equipment (SIC 3535)	Ammonia, Toluene, TCE
Machinery Manufacturing, Except Electrical (SIC 35xx)	Construction & Related Machinery (SIC 353x)	Elevators & Moving Stairways (SIC 3534)	Toluene
Machinery Manufacturing, Except Electrical (SIC 35xx)	Construction & Related Machinery (SIC 353x)	Hoists, Cranes, & Monorails (SIC 3536)	Ammonia, Cadmium, Copper, Lead, Zinc
Machinery Manufacturing, Except Electrical (SIC 35xx)	Construction & Related Machinery (SIC 353x)	Industrial Trucks/Tractors (SIC 3537)	Perchloroethylene, Toluene
Machinery Manufacturing, Except Electrical (SIC 35xx)	Construction & Related Machinery (SIC 353x)	Oil Field Machinery (SIC 3533)	Chromium, Lead, Nickel, 1,1,1-TCA, Xylenes

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Machinery Manufacturing, Except Electrical (SIC 35xx)	Engines & Turbines (SIC 351x)		ETBE
Machinery Manufacturing, Except Electrical (SIC 35xx)	Engines & Turbines (SIC 3519)	Internal Combustion Engines (SIC 3519)	Ammonia, Benzene, EDB, EDC, Gasoline vapors, Hydrazine, 1,1,1-TCA
Machinery Manufacturing, Except Electrical (SIC 35xx)	Farm Machinery & Equipment (SIC 3523, 3511)		Toluene
Machinery Manufacturing, Except Electrical (SIC 35xx)	Farm Machinery & Equipment (SIC 3523, 3511)	Turbines & Turbine Generator Sets (SIC 3511)	Ammonia, Formaldehyde, Hydrogen chloride, Toluene diisocyanates, Maleic anhydride, Perchloroethylene, Phenol, Styrene and copolymers, Toluene, 1,1,1-TCA, Xylenes
Machinery Manufacturing, Except Electrical (SIC 35xx)	General Industrial Machinery (SIC 356x)		Ammonia, Chromium, Copper, Cresol, Epichlorohydrin, Formaldehyde, Hydrogen chloride, Lead, Nickel, Phenol, Toluene, 1,1,1-TCA, TCE, Zinc oxide
Machinery Manufacturing, Except Electrical (SIC 35xx)	General Industrial Machinery (SIC 356x)	Bell & Roller Bearings (SIC 3562)	Cadmium, Copper, Indium and compounds, PAHs and PAH-related compounds, Naphthalene, Toluene, 1,1,1-TCA
Machinery Manufacturing, Except Electrical (SIC 35xx)	General Industrial Machinery (SIC 356x)	Blowers & Fans (SIC 3564)	Copper, Gasoline vapors, Lead, Toluene, 1,1,1-TCA, TCE
Machinery Manufacturing, Except Electrical (SIC 35xx)	General Industrial Machinery (SIC 356x)	Compressors, Air & Gas (SIC 3563)	Toluene
Machinery Manufacturing, Except Electrical (SIC 35xx)	General Industrial Machinery (SIC 356x)	Industrial Furnaces & Ovens (SIC 3567)	Arsenic, Copper, Hydrogen chloride, Lead, Toluene, TCE, Zinc
Machinery Manufacturing, Except Electrical (SIC 35xx)	General Industrial Machinery (SIC 356x)	Power Transmission Equipment (SIC 3568)	Ammonia, Copper, Hydrogen chloride, Silver

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Machinery Manufacturing, Except Electrical (SIC 35xx)	General Industrial Machinery (SIC 356x)	Pumps & Pumping Equipment (SIC 3561)	Ammonia, Formaldehyde, Hydrogen chloride, Lead, Perchloroethylene, Phenol, Toluene, 1,1,1-TCA, Xylenes
Machinery Manufacturing, Except Electrical (SIC 35xx)	General Industrial Machinery (SIC 356x)	Speed Changers, Drives & Gears (SIC 3566)	Perchloroethylene, Toluene, 1,1,1-TCA
Machinery Manufacturing, Except Electrical (SIC 35xx)	Metalworking Machinery (SIC 354x)		Arsenic, Cadmium, Dibromoacetonitrile, Perchloroethylene
Machinery Manufacturing, Except Electrical (SIC 35xx)	Metalworking Machinery (SIC 354x)	Industrial Patterns (SIC 3543)	Dibromoacetonitrile, Formaldehyde, Phenol
Machinery Manufacturing, Except Electrical (SIC 35xx)	Metalworking Machinery (SIC 354x)	Machine Tool Accessories (SIC 3545)	Ammonia, Beryllium, Chromium, Dibromoacetonitrile, Hydrogen chloride, Toluene, 1,1,1-TCA, TCE
Machinery Manufacturing, Except Electrical (SIC 35xx)	Metalworking Machinery (SIC 354x)	Machine Tools, Metal Cutting Types (SIC 3541)	Ammonia, Dibromoacetonitrile, Lead, Silicon carbide whiskers, Toluene, TCE
Machinery Manufacturing, Except Electrical (SIC 35xx)	Metalworking Machinery (SIC 354x)	Machine Tools, Metal Forming Types (SIC 3542)	Ammonia, Benzene, Dibromoacetonitrile, Lead, Perchloroethylene, Toluene, 1,1,1-TCA, TCE
Machinery Manufacturing, Except Electrical (SIC 35xx)	Metalworking Machinery (SIC 354x)	Rolling Mill Machinery (SIC 3547)	Cadmium, Chromium, Dibromoacetonitrile, Zinc, Zinc oxide
Machinery Manufacturing, Except Electrical (SIC 35xx)	Metalworking Machinery (SIC 354x)	Special Dyes, Tools, Jigs, & Fixtures (SIC 3544)	1,4-Dichlorobenzene, Dibromoacetonitrile, Formaldehyde, Hydrogen chloride, Methylene chloride, PAHs and PAH-related compounds, Naphthalene, Toluene, 1,1,1-TCA, TCE, Zinc
Machinery Manufacturing, Except Electrical (SIC 35xx)	Office & Computing Machines (SIC 357x)	Miscellaneous (SIC 357x, 3579)	CFC-113, Hydrogen chloride, Toluene, 1,1,1-TCA

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Machinery Manufacturing, Except Electrical (SIC 35xx)	Office & Computing Machines (SIC 357x)	Calculating & Accounting Machines (SIC 3578)	Arsenic, Hydrogen chloride, 1,1,1-TCA
Machinery Manufacturing, Except Electrical (SIC 35xx)	Office & Computing Machines (SIC 357x)	Electronic & Computing Equipment (SIC 3571-3577)	Ammonia, Arsenic, Benzene, Benzidine, Benzidine and its salts, Bis(chloromethyl) ether, Chlorine, Chloroform, Chromium, Copper, CFC-113, Glycol ethers and their acetates, Hydrogen chloride, Hydrogen sulfide, Lead, Methylene chloride, Mineral fibers (asbestos and related), Nickel, Nitrobenzene, PAHs and PAH-related compounds, Benzo[a]pyrene, Naphthalene, Perchloroethylene, Phenol, Toluene, 1,1,1-TCA, TCE, Vinyl chloride, Zinc
Machinery Manufacturing, Except Electrical (SIC 35xx)	Office & Computing Machines (SIC 357x)	Electronic & Computing Equipment -- Also see Electrical & Electronic Equipment, Appendix C-II	
Machinery Manufacturing, Except Electrical (SIC 35xx)	Office & Computing Machines (SIC 357x)	Typewriters (SIC 3579)	Ammonia, Benzene, Beryllium, Cadmium, Formaldehyde, Hydrogen chloride, Lead, Nickel, Toluene, Xylenes
Machinery Manufacturing, Except Electrical (SIC 35xx)	Refrigeration & Service Machinery (SIC 358x)	Automatic Merchandising Machines (SIC 3581)	Toluene
Machinery Manufacturing, Except Electrical (SIC 35xx)	Refrigeration & Service Machinery (SIC 358x)	Commercial Laundry Equipment (SIC 3582)	Arsenic, Perchloroethylene, Toluene
Machinery Manufacturing, Except Electrical (SIC 35xx)	Refrigeration & Service Machinery (SIC 358x)	Measuring & Dispensing Pumps (SIC 3586)	Toluene
Machinery Manufacturing, Except Electrical (SIC 35xx)	Refrigeration & Service Machinery (SIC 358x)	Refrigeration & Heating Equipment (SIC 3585)	Ammonia, Bromoethane, Chlorotrifluoromethane, Copper, Dibromochloromethane, Ethylene, Ethylene glycol, Fluorocarbons (Chlorinated), CFC-113, Formaldehyde, Hydrogen sulfide, Lead, Magnesium oxide, Methylene chloride, Phthalic anhydride, Sulfur dioxide, Toluene, 1,1,1-TCA, TCE, Xylenes, Zinc
Machinery Manufacturing, Except Electrical (SIC 35xx)	Refrigeration & Service Machinery (SIC 358x)	Water Filtration & Reverse Osmosis Equipment (SIC 3589)	1,4-Dioxane

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Machinery Manufacturing, Except Electrical (SIC 35xx)	Refrigeration & Service Machinery (SIC 358x)	Miscellaneous Service Industry Machinery (SIC 3589)	Toluene
Machinery Manufacturing, Except Electrical (SIC 35xx)	Special Industry Machinery (SIC 355x)		Ammonia, Arsenic, Benzene, Chromium, Copper, Lead, Methylene chloride, Perchloroethylene, 1,1,2,2-Tetrabromoethane, Toluene, 1,1,1-TCA, TCE
Machinery Manufacturing, Except Electrical (SIC 35xx)	Special Industry Machinery (SIC 355x)	Food Products Machinery (SIC 3556)	Arsenic
Machinery Manufacturing, Except Electrical (SIC 35xx)	Special Industry Machinery (SIC 355x)	Paper Industry Machinery (SIC 3554)	Ammonia, Perchloroethylene, Toluene, TCE
Machinery Manufacturing, Except Electrical (SIC 35xx)	Special Industry Machinery (SIC 355x)	Printing Trades Machinery (SIC 3555)	Ammonia, Chromium, Toluene diisocyanates, Lead, Methylene chloride, Toluene, 1,1,1-TCA, Zinc oxide
Machinery Manufacturing, Except Electrical (SIC 35xx)	Special Industry Machinery (SIC 355x)	Textile Machinery (SIC 3552)	Toluene, TCE, Xylenes
Machinery Manufacturing, Except Electrical (SIC 35xx)	Special Industry Machinery (SIC 355x)	Woodworking Machinery (SIC 3553)	Chlorine, Hydrogen chloride, Toluene
Machinery Manufacturing, Except Electrical (SIC 35xx)	Combustion Processes - see Combustion, Appendix C-I		
Machinery Manufacturing, Except Electrical (SIC 35xx)	Metal Forming - see Machining Manufacturing and Metal Forming, Appendix C-II		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Machinery Manufacturing, Except Electrical (SIC 35xx)	Surface Coating/Degreasing - see Solvent Use and Other Processes, Appendix C-I		
Machining - see Metal Forming, Metal Products Fabrication, and Metal Smelting, Appendix C-II			
Magazine (Periodical) Publishing - see Printing & Publishing, Appendix C-II			
Manufacturing of Chemicals and Allied Products - see Chemical Manufacturing, Appendix C-II			
Manufacturing of Leather & Leather Products - see Leather & Leather Products, Appendix C-II			
Manufacturing of Metal Products - see Metal Product Fabrication, Appendix C-II			
Manufacturing of Plastics - see Rubber & Misc Plastics Products and Chemical Manufacturing, Appendix C-II			

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Manufacturing of Stone, Clay, Glass, And Concrete Products - see Clay, Glass & Stone Products, Appendix C-II			
Manufacturing of Transportation Equipment - see Transportation Equipment Manufacturing/Repair, Appendix C-II			
Manufacturing Industries, Not Elsewhere Classified (SIC 3999)			p-Phenylenediamine, Sodium chlorite
Mechanical Assembly Cleaning - see Solvent Use, Degreasing, Appendix C-I			
Metal Forming (SIC 34xx)	Aluminum Forming		Aluminum, Boron oxide, Chloroform, Methylene chloride, TCE
Metal Forming (SIC 34xx)	Aluminum Forming	Also see Metal Smelters & Foundries, Secondary Aluminum, Appendix C-II	
Metal Forming (SIC 34xx)	Machining		1,1,1-TCA
Metal Forming (SIC 34xx)	Also see Metal Product Fabrication and Metal Smelters, Appendix C-II		
Metal Furniture Manufacturing - see Furniture Manufacturing, Appendix C-II			

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Plating (SIC 3471)	Gaseous, aerosol, and particulate releases from any/all operations, especially plating, polishing, anodizing, spraying, grinding, coloring, cleaning, pickling		Acrylonitrile, Ammonia, Ammonium chloride, Ammonium sulfate, 1,3-Butadiene, Cadmium, Chlorine, Chromium hexavalent, Calcium chromate, Chromium trioxide, Sodium dichromate, Strontium chromate, Chromium (III) Sulfate, Chromium trivalent, Cobalt compounds, Copper, Dimethylamine, 1,4-Dioxane, Hydrogen fluoride, CFC-113, Formaldehyde, Formic acid, Hydrazine, Hydrogen chloride, Indium and compounds, Isocyanates, Lead, Mercury, Methylene chloride, Nickel, Nickel compounds, Perchloroethylene, Sodium diamyl sulfosuccinate, Styrene and copolymers, Sulfuric acid, Toluene, Toluene sulfonic acids, 1,1,1-TCA, TCE, Zinc
Metal Plating (SIC 3471)	Electrocleaning	Alkaline cleaning agents	Sodium hydroxide
Metal Plating (SIC 3471)	Cleaning/Pickling	Acid cleaning, pickling agents	Chromic acid, Hydrochloric acid
Metal Plating (SIC 3471)	Cleaning/Plating	Chelating agents, solvents	Bis(2-ethylhexyl) adipate, sec-Butyl alcohol, tert-Butyl alcohol, Cyanide compounds (inorganic), Cyclosiloxanes, D5, Hydrazine, Hydrochloric acid, Nitric acid, Nitrilotriacetic acid, Sulfuric acid, Thiourea, Toluene sulfonic acids
Metal Plating (SIC 3471)	Storage/Handling	Plating/other process bath components and Plating tank, Electric arc furnace	Ammonia, Ammonium chloride, Ammonium sulfate, Arsenic, Cadmium, Chloroendic acid, Chromium, Chromium hexavalent, Calcium chromate, Chromium trioxide, Sodium dichromate, Strontium chromate, Chromium trivalent, Copper, Flame retardants, Hydrochloric acid, Indium and compounds, Lead, 2-Mercaptobenzothiazole, Nickel, Selenium, Sodium hydroxide, Zinc
Metal Plating (SIC 3471)	Combustion Processes - see Combustion, Appendix C-I		
Metal Plating (SIC 3471)	Degreasing Processes - see Solvent Use, Appendix C-I		
Metal Plating (SIC 3471)	Storage and Handling - see Liquid Storage & Transfer, Appendix C-I		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Product Fabrication (SIC 34xx)			Acrolein, Acrylonitrile, Ammonia, Ammonium sulfate, Arsenic, Benzene, Benzenesulfonic acid, Beryllium, Boron oxide, 1,3-Butadiene, t-Butyl acetate, n-Butyl alcohol, sec-Butyl alcohol, Cadmium, Carbon black extracts, Cerium, Chlorinated paraffins, Chlorine, Chloroform, Chromium, Chromium hexavalent, Chromium trioxide, Strontium chromate, Cobalt chloride (hexahydrate), Cobalt metal with tungsten carbide, Copper, N-Nitrosodiethylamine, N-Nitrosodi-n-butylamine, 1,2-Dichloropropane, Diesel engine PM, Di(2-ethylhexyl) phthalate, Dimethyl glutarate, 1,4-Dioxane, Epichlorohydrin, Ethyl benzene, Ethylene, EDC, Hydrogen fluoride, Fluorocarbons (Chlorinated), CFC-113, Formaldehyde, Glycol ethers and their acetates, Propylene glycol monomethyl ether, Propylene glycol monomethyl ether acetate, Hexane, Hydrazine, Hydrochloric acid, Hydrogen chloride, Hydrogen sulfide, Isocyanates, Toluene diisocyanates, Isopropyl alcohol, Lead, Lead compounds (inorganic), Manganese, Mercury, Methanol, Methyl ethyl ketone, MIBK, Methylene chloride, Nickel, Nitric acid, PAHs and PAH-related compounds, Naphthalene, Perchloroethylene, Phenol, Phosphoric acid, Polychlorinated terphenyls, Silica (crystalline, respirable), Sodium hydroxide, Styrene, Styrene and copolymers, Acrylonitrile-butadiene-styrene copolymers, Sulfuric acid, Terephthalic acid, Tetraethylene glycol, Toluene, 1,1,1-TCA, TCE, TRIM VX, 1,2,4-Trimethylbenzene, Xylenes, Zinc, Zinc oxide, All listed substances specified in Appendix A
Metal Product Fabrication (SIC 34xx)	Metal Cans & Shipping Containers (SIC 341x)	Metal Cans (SIC 3411)	Aluminum, Benzene, Bisphenol-related chemicals, Lead, Perchloroethylene, Tin, Toluene, 1,1,1-TCA, TCE, Xylenes
Metal Product Fabrication (SIC 34xx)	Metal Cans & Shipping Containers (SIC 341x)	Metal Barrels, Drums & Pails (SIC 3412)	Ammonia, PAHs and PAH-related compounds, Naphthalene, Toluene, 1,1,1-TCA
Metal Product Fabrication (SIC 34xx)	Metal Cutlery, Handtools & Hardware (SIC 342x)	Cutlery (SIC 3421)	Chromium, Lead, Toluene, TCE
Metal Product Fabrication (SIC 34xx)	Metal Cutlery, Handtools & Hardware (SIC 342x)	Hand & Edge Tools (SIC 3423)	Ammonia, Chlorine, Chromium, Hydrogen chloride, Methylene chloride, Styrene and copolymers, Toluene, 1,1,1-TCA, TCE, Zinc
Metal Product Fabrication (SIC 34xx)	Metal Cutlery, Handtools & Hardware (SIC 342x)	Hand Saws & Saw Blades (SIC 3425)	Copper, Lead, Nickel, Toluene, TCE, Zinc
Metal Product Fabrication (SIC 34xx)	Metal Cutlery, Handtools & Hardware (SIC 342x)	Misc Hardware (SIC 3429)	Ammonia, Chlorine, Chromium, Copper, Ferrovandium dust, Hydrogen chloride, Hydrogen sulfide, Lead, Methylene chloride, PAHs and PAH-related compounds, Naphthalene, Perchloroethylene, Phenol, Toluene, 1,1,1-TCA, TCE, Zinc, Zinc oxide
Metal Product Fabrication (SIC 34xx)	Metal Foil & Leaf (SIC 3497)		Ammonia, Copper, Hydrogen chloride, Lead, Perchloroethylene, Zinc, Zinc oxide
Metal Product Fabrication (SIC 34xx)	Metal Forgings & Stampings (SIC 346x)		Calcium oxide, Uranium and compounds
Metal Product Fabrication (SIC 34xx)	Metal Forgings & Stampings (SIC 346x)	Iron & Steel Forgings (SIC 3462)	Hydrogen sulfide, Magnesium oxide, Manganese, 4,4'-Methylenedianiline (and dichloride)
Metal Product Fabrication (SIC 34xx)	Metal Forgings & Stampings (SIC 346x)	Auto Stampings (SIC 3465)	Ammonia, Perchloroethylene, Toluene
Metal Product Fabrication (SIC 34xx)	Metal Forgings & Stampings (SIC 346x)	Crowns & Closures (SIC 3466)	Lead

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Product Fabrication (SIC 34xx)	Metal Forgings & Stampings (SIC 346x)	Misc Metal Stampings (SIC 3469)	Copper, Perchloroethylene, Toluene, 1,1,1-TCA, TCE
Metal Product Fabrication (SIC 34xx)	Misc Metal Services (SIC 347x)		Chlorotrifluoromethane, N-Nitrosodiethylamine, N-Nitrosodi-n-butylamine, Toluene
Metal Product Fabrication (SIC 34xx)	Misc Metal Services (SIC 347x)	Plating & Polishing (SIC 3471)	Acrolein, Ammonia, Arsenic, Benzene, Cadmium, Chloride, Chlorine, 1,2-Dichlorobenzene, Chloroform, Chromium, Chromium hexavalent, Calcium chromate, Chromium trioxide, Strontium chromate, Chromium trivalent, Copper, Cyclohexanol, Formaldehyde, Hydrogen chloride, Isocyanates, Lead, Methylene chloride, Nickel, Nitrobenzene, Perchloroethylene, Perfluoro and polyfluoro compounds, Selenium, Silver, Toluene, 1,1,1-TCA, TCE, Zinc, Zinc oxide
Metal Product Fabrication (SIC 34xx)	Misc Metal Services (SIC 347x)	Metal Coating & Allied Services (SIC 3479)	Acetaldehyde, Antimony, Arsenic, Benzene, Cadmium, Chlorine, Chlorotrifluoromethane, Chromium, Chromium hexavalent, Calcium chromate, Chromium trioxide, Sodium dichromate, Strontium chromate, Chromium trivalent, Copper, Decaborane, Ethylene, Formaldehyde, Hydrogen chloride, Hydrogen sulfide, Isocyanates, Lead, Lead acetate, Methylene chloride, Nickel, Perchloroethylene, Perfluoro and polyfluoro compounds, Tin, Toluene, 1,1,1-TCA, TCE, Wollastonite, Xylenes, Yttrium and compounds, Zinc, Zinc oxide
Metal Product Fabrication (SIC 34xx)	Ordnance & Accessories (SIC 348x)	Small Arms Ammunition (SIC 3482)	Dinitrotoluenes (mixed isomers), Lead
Metal Product Fabrication (SIC 34xx)	Ordnance & Accessories (SIC 348x)	Ammunition, except small arms (SIC 3483)	Dinitrotoluenes (mixed isomers), Hydrogen sulfide, Toluene, TCE
Metal Product Fabrication (SIC 34xx)	Ordnance & Accessories (SIC 348x)	Small Arms (SIC 3484)	Ammonia, Arsenic, CFC-113, Formaldehyde, Hydrogen chloride, Lead, Phenol, Sodium aluminum fluoride, Toluene, Zinc oxide
Metal Product Fabrication (SIC 34xx)	Plumbing & Heating, except electric (SIC 343x)	Metal Sanitary Ware (SIC 3431)	Methylene chloride, Toluene
Metal Product Fabrication (SIC 34xx)	Plumbing & Heating, except electric (SIC 343x)	Plumbing Fittings & Brass Goods (SIC 3432)	Ammonia, Cadmium, Formaldehyde, Hydrogen chloride, Phenol, Toluene, TCE, Zinc oxide
Metal Product Fabrication (SIC 34xx)	Plumbing & Heating, except electric (SIC 343x)	Heating Equipment, except electric (SIC 3433)	Ammonia, Benzene, Chromium, Formaldehyde, Perchloroethylene, Phenol, Toluene

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Product Fabrication (SIC 34xx)	Screw Machine Products, Bolts, etc. (SIC 345x)	Screw Machine Products (SIC 3451)	1,1,1-TCA, TCE
Metal Product Fabrication (SIC 34xx)	Screw Machine Products, Bolts, etc. (SIC 345x)	Bolts, Nuts, Rivets, & Washers (SIC 3452)	Cadmium, Hydrogen chloride, Methylene chloride, 1,1,1-TCA, TCE, Zinc
Metal Product Fabrication (SIC 34xx)	Steel Springs, except wire (SIC 3493)		Hydrogen chloride, Toluene, 1,1,1-TCA
Metal Product Fabrication (SIC 34xx)	Structural Metal Product Fabrication (SIC 344x)		Toluene
Metal Product Fabrication (SIC 34xx)	Structural Metal Product Fabrication (SIC 344x)	Structural Metal Fabrication (SIC 3441)	Copper, Toluene, Xylenes, Zinc oxide
Metal Product Fabrication (SIC 34xx)	Structural Metal Product Fabrication (SIC 344x)	Metal Doors, Sash & Trim (SIC 3442)	Ammonia, Cadmium, Formaldehyde, Perchloroethylene, Toluene, 1,1,1-TCA, Xylenes, Zinc
Metal Product Fabrication (SIC 34xx)	Structural Metal Product Fabrication (SIC 344x)	Fabricated Plate Work, boiler shops (SIC 3443)	Copper, Gasoline vapors, Hydrogen chloride, Lead, Perchloroethylene, Styrene and copolymers, Toluene, 1,1,1-TCA, TCE
Metal Product Fabrication (SIC 34xx)	Sheet Metal Work (SIC 3444-3449)		Ammonia, Toluene diisocyanates, Perchloroethylene, Toluene, 1,1,1-TCA, TCE
Metal Product Fabrication (SIC 34xx)	Sheet Metal Work (SIC 3444-3449)	Architectural Metal Work (SIC 3446)	Ammonia, Copper, Perchloroethylene, Toluene, 1,1,1-TCA, TCE
Metal Product Fabrication (SIC 34xx)	Sheet Metal Work (SIC 3444-3449)	Prefabric Metal Buildings (SIC 3448)	Toluene, Xylenes
Metal Product Fabrication (SIC 34xx)	Sheet Metal Work (SIC 3444-3449)	Misc Metal Work (SIC 3449)	Ammonia, Benzene, Toluene
Metal Product Fabrication (SIC 34xx)	Valves & Pipefittings (SIC 3494)		Copper, Phenol, Toluene, 1,1,1-TCA, TCE, Zinc
Metal Product Fabrication (SIC 34xx)	Wire Product Fabrication (SIC 3496)		Ammonia, Hydrogen chloride, Nickel, Perchloroethylene, Phthalates, Toluene, 1,1,1-TCA, Vinyl chloride
Metal Product Fabrication (SIC 34xx)	Combustion Processes - see Combustion, Appendix C-I		
Metal Product Fabrication (SIC 34xx)	Degreasing - see Solvent Use, Appendix C-I		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Product Fabrication (SIC 34xx)	Forming - see Metal Forming and Metal Smelters, Appendix C-II		
Metal Product Fabrication (SIC 34xx)	Surface Coating - see Solvent Use, Appendix C-I		
Metal Smelters & Foundries (SIC 33xx, 10xx)			Acrolein, Ammonia, Arsenic, Benzene, Beryllium, 1,3-Butadiene, Cadmium, Chlorine, Chloroprene, Chromium, Chromium hexavalent, Copper, Cresols, p-Cresol, Cyanide compounds (inorganic), Cyanogen chloride, Dibutyl phosphate, Diesel engine PM, 1,4-Dioxane, Dioxins, Diphenyl thiourea, Hydrogen fluoride, Fluorocarbons (Chlorinated), Formaldehyde, Formic acid, Furans, Glycol ethers and their acetates, Hexachloroethane, Hydrochloric acid, Hydrogen chloride, Hydrogen sulfide, Isocyanates, Lead, Malononitrile, Manganese, Mercury, Methanol, Methyl ethyl ketone, Methylene chloride, Nickel, PAHs and PAH-related compounds, Naphthalene, Perchloroethylene, Phosphorus, Polychlorinated dibenzofurans, Polychlorinated terphenyls, Propargyl alcohol, Silica (crystalline, respirable), Sodium aluminum fluoride, Sodium hydroxide, Sulfur dioxide, Sulfuric acid, Thiourea, Toluene, 1,1,1-TCA, TCE, Uranium and compounds, Xylenes, Zinc, All listed metals specified in Appendix A, All listed substances specified in Appendix A
Metal Smelters & Foundries (SIC 33xx, 10xx)	For non-metals mining - see Mining, Appendix C-II		
Metal Smelters & Foundries (SIC 33xx, 10xx)	For any type of metal smelter - see Combustion and Liquid Storage & Transfer, Appendix C-I		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Smelters & Foundries (SIC 33xx, 10xx)	Primary Aluminum Production (SIC 3334)	Any/all operations, especially Furnace Tapping, Coke Quenching, Furnace Charging, Metal Forming. Gaseous, aerosol, particulate releases including but not limited to: From the calciner, furnace, material crusher/mill, storage & handling, service road, prebake/reduction/soderberg stud cell, Anode bake furnace	Benzene, Boron trichloride, Chloroform, Cresols, Fluorides, Methylene chloride, PAHs and PAH-related compounds, POM, TCE
Metal Smelters & Foundries (SIC 33xx, 10xx)	Secondary Aluminum (SIC 3341)	Any/all operations, especially Furnace Tapping, Furnace Charging, Metal Casting, Metal Forming. Gaseous, aerosol, particulate releases including but not limited to: From the furnace, and the service road	Boron trichloride, Chloroform, Dioxins, Furans, Methylene chloride, Nickel, Phosphorus pentachloride, Polychlorinated dibenzofurans, TCE
Metal Smelters & Foundries (SIC 33xx, 10xx)	Beryllium Alloys (SIC 3339, 3369)	Any/all operations, especially Molding. Gaseous, aerosol, particulate releases including but not limited to:	Beryllium
Metal Smelters & Foundries (SIC 33xx, 10xx)	Primary Cadmium Production (SIC 3339)	Any/all operations, especially Material Preparation, Metal Casting, Mining Operations. Gaseous, aerosol particulate releases including but not limited to: From the furnace, condenser, material storage and handling	Cadmium

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Smelters & Foundries (SIC 33xx, 10xx)	Cadmium-Nickel Battery (SIC 3356, 3691)	Any/all operations, especially Material Preparation. Gaseous, aerosol, particulate releases including but not limited to: From the sintering machine, and material storage and handling	Barium sulfate, Cadmium, Chromium hexavalent, Barium chromate, Lead, Nickel
Metal Smelters & Foundries (SIC 33xx, 10xx)	Chromite Ore Refining (SIC 3312, 3313, 3399)	Gaseous, aerosol, particulate releases including but not limited to: From dryer, mill, cyclone, storage	Chromium
Metal Smelters & Foundries (SIC 33xx, 10xx)	Metallurgical Coke (SIC 3312)	Any/all operations, especially Coke Oven Charging/Pushing, Material Preparation, Coke Quenching, Coke Production. Gaseous, aerosol, particulate releases including but not limited to: From the coke oven, vessels, material storage and handling, and outdoor storage pile	Acetaldehyde, Ammonia, Arsenic, Benzene, Beryllium, Cadmium, Cresols, Formaldehyde, Hydrogen sulfide, Lead, Manganese, Mercury, Nickel, PAHs and PAH-related compounds, Phenol, POM, Toluene, Xylenes

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Smelters & Foundries (SIC 33xx, 10xx)	Primary Copper Smelting (SIC 3331, 102x)	Any/all operations, especially Converter Charging, Furnace Tapping, Furnace Charging, Material Preparation, Metal Casting, Slag Dumping, Mining Operations, Copper Forming. Gaseous, aerosol, particulate releases including but not limited to: From the converter, furnace, roaster vessel, material storage and handling, outdoor storage pile, service road	Arsenic, Cadmium, Copper, Dioxins, Lead, Mercury, PAHs and PAH-related compounds, Perchloroethylene, Polychlorinated dibenzofurans, POM, Selenium, Zinc
Metal Smelters & Foundries (SIC 33xx, 10xx)	Secondary Copper Operations (Brass and Bronze Production) (SIC 3341)	Any/all operations, especially Furnace Tapping, Furnace Charging, Metal Casting. Gaseous, aerosol, particulate releases including but not limited to: From the furnace, and service road	Cadmium, Copper, Lead, Manganese, Mercury, PAHs and PAH-related compounds, POM, Selenium, Tin, Zinc
Metal Smelters & Foundries (SIC 33xx, 10xx)	Electrometallurgical Products (SIC 3313)		Arsenic, Cadmium, Chromium, Copper, Manganese, Nickel

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Smelters & Foundries (SIC 33xx, 10xx)	Ferroalloy Production (SIC 1061, 3312, 3313, 3399)	Any/all operations, especially Furnace Tapping, Furnace Charging, Material Preparation, Metal Casting, Mining (except V), Slag Dumping. Gaseous, aerosol, particulate releases including but not limited to: From material storage & handling, storage pile, furnace, decarburizing vessels	Boron trichloride, Cadmium, Chromium, Chromium (III) Sulfate, Cobalt, Copper, Ferrovandium dust, Hafnium and compounds, Hydrochloric acid, Lead, Manganese, Nickel, PAHs and PAH-related compounds, Phosphorus, POM, Propargyl alcohol, Selenium, Vanadium, Vanadium pentoxide, Yttrium and compounds, Zinc
Metal Smelters & Foundries (SIC 33xx, 10xx)	Iron & Steel Foundries (SIC 332x)		Magnesium oxide
Metal Smelters & Foundries (SIC 33xx, 10xx)	Iron and Steel Production (SIC 331x)	Any/all operations, especially Coke Oven Charging/Pushing, Furnace Tapping, Furnace Charging, Material Preparation, Coke Quenching, Slag Dumping, Mining Operations, Drying, Crushing, Sizing, Weighing, Feeding Furnace. Gaseous, aerosol, particulate releases including but not limited to: From the coke oven, cupola, furnace, sintering machine, storage & handling, storage pile, service road	Ammonia, Arsenic, Benzene, Beryllium, Boron trichloride, Cadmium, Calcium oxide, Chlorine, Chromium, Coke oven emissions, Copper, N-Nitrosodiethylamine, N-Nitrosodi-n-butylamine, Dioxins, Ferrovandium dust, Formaldehyde, 2,4-Hexadienal, Hydrogen chloride, Hydrogen sulfide, Lead, Magnesium oxide, Manganese, Mercury, 4,4'-Methylenedianiline (and dichloride), Molybdenum trioxide, Nickel, PAHs and PAH-related compounds, Naphthalene, Phenol, Phosphorus, Polychlorinated dibenzofurans, POM, Selenium, Toluene, TCE, Vanadium, Xylenes, Yttrium and compounds, Zinc
Metal Smelters & Foundries (SIC 33xx, 10xx)	Iron and Steel Production	Also see Combustion (Blast Furnace), Appendix C-I	

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Smelters & Foundries (SIC 33xx, 10xx)	Gray Iron Foundries (SIC 3321)	Any/all operations, especially Furnace Tapping, Furnace Charging, Converter Charging, Metal Casting, Cupola. Gaseous, aerosol, particulate releases including but not limited to: From the furnace, foundry mold & core decomposition, & service road	Acetaldehyde, Acrolein, Ammonia, Arsenic, Benzene, Beryllium, Cadmium, Chromium, Copper, Formaldehyde, Hydrogen sulfide, Iron, Lead, Manganese, Mercury, Nickel, PAHs and PAH-related compounds, Naphthalene, Phenol, POM, Styrene and copolymers, Toluene, 1,1,1-TCA, Xylenes, Zinc
Metal Smelters & Foundries (SIC 33xx, 10xx)	Malleable Iron Foundries (SIC 3322)		Ammonia, Formaldehyde, Zinc
Metal Smelters & Foundries (SIC 33xx, 10xx)	Steel Investment Foundries (SIC 3324)		Cadmium, Chromium, Polychlorinated terphenyls
Metal Smelters & Foundries (SIC 33xx, 10xx)	Steel Foundries (SIC 3324, 3325)	Any/all operations, especially Converter Charging, Furnace Tapping, Furnace Charging, Metal Casting, Basic Oxygen Process, Miscellaneous. Gaseous, aerosol, particulate releases including but not limited to: From furnace, foundry mold & core decomposition, and service road, From argon oxygen decarburization vessels, coke ovens	Ammonia, Arsenic, Beryllium, Boron trichloride, Cadmium, Calcium oxide, Chromium, Copper, Dioxins, Ferrovandium dust, 2,4-Hexadienal, Hydrogen chloride, Lead, Manganese, Molybdenum trioxide, Nickel, PAHs and PAH-related compounds, Naphthalene, Perchloroethylene, Phenol, Phosphorus, Polychlorinated dibenzofurans, Selenium, Styrene and copolymers, Toluene, 1,1,1-TCA, Vanadium, Xylenes, Zinc
Metal Smelters & Foundries (SIC 33xx, 10xx)	Cold Finish Steel Shapes (SIC 3316)		Calcium oxide, Methylene chloride, Toluene
Metal Smelters & Foundries (SIC 33xx, 10xx)	Steel Pipe & Tubes (SIC 3317)		Ammonia, Calcium oxide, Ferrovandium dust, Perchloroethylene

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Smelters & Foundries (SIC 33xx, 10xx)	Steel Wire & Related Products (SIC 3315)		Ammonia, Calcium oxide, Chlorine, Hydrogen chloride, Lead, Nickel, PCBs, Toluene, Zinc
Metal Smelters & Foundries (SIC 33xx, 10xx)	Primary Lead Smelting (SIC 3339)	Any/all operations, especially Furnace Tapping, Furnace Charging, Material Preparation, Metal Casting, Slag Dumping, Mining Operations. Gaseous, aerosol, particulate releases including but not limited to: From the furnace, sintering machine, material storage and handling, outdoor storage pile, and service road	Antimony, Arsenic, Cadmium, Copper, Dioxins, Lead, Mercury, PAHs and PAH-related compounds, Polychlorinated dibenzofurans, POM, Selenium
Metal Smelters & Foundries (SIC 33xx, 10xx)	Secondary Lead Smelting (SIC 3341)	Any/all operations, especially Furnace Tapping, Furnace Charging, Metal Casting. Gaseous, aerosol, particulate releases including but not limited to: From the furnace, service road, and outdoor storage pile	Antimony, Arsenic, Lead, Manganese, PAHs and PAH-related compounds, POM, Selenium
Metal Smelters & Foundries (SIC 33xx, 10xx)	Lead Acid Battery Production (SIC 3356, 3691)	Any/all operations, especially Material Preparation, Metal Casting, Screening, Storage & Handling. Gaseous, aerosol, particulate releases including but not limited to:	Antimony, Arsenic, Barium sulfate, Cadmium, Chromium hexavalent, Barium chromate, Lead, Manganese, Mercury

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Smelters & Foundries (SIC 33xx, 10xx)	Miscellaneous Lead Production (SIC 3339, 3341)	Any/all operations, especially Converter Charging, Material Preparation, Metal Casting. Gaseous, aerosol, particulate releases including but not limited to:	Antimony, Arsenic, Cadmium, Lead
Metal Smelters & Foundries (SIC 33xx, 10xx)	Manganese Production (SIC 3339, 3341)	Any/all operations, especially Furnace Charging, Furnace Tapping, Material Crusher/Mill, Metal Casting, Slagging. Gaseous, aerosol, particulate releases including but not limited to: From the furnace, material storage & handling, storage pile, slips, casthouse, sinter discharge, windbox & discharge	Manganese, PAHs and PAH-related compounds, POM
Metal Smelters & Foundries (SIC 33xx, 10xx)	Manganese Production, Synthetic (SIC 3339, 3341)	Any/all operations, especially Roasting, Drying, Grinding, Packaging/Handling, Melting, Refining, Hot Metal Transfer. Gaseous, aerosol, particulate releases including but not limited to: From the furnace, material storage & handling, storage pile, slips, casthouse, sinter discharge, windbox & discharge	Manganese, PAHs and PAH-related compounds, POM

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Smelters & Foundries (SIC 33xx, 10xx)	Dry-Cell Battery Production (SIC 3692)	Any/all operations, especially Material Preparation, Screening, Storage & Handling. Particulate substance releases including but not limited to: From the material crusher/mill and material storage	Barium sulfate, Chromium hexavalent, Barium chromate, Manganese, Mercury, Mercuric chloride, N-Methylpyrrolidone, Zinc
Metal Smelters & Foundries (SIC 33xx, 10xx)	Dry-Cell Battery Production	Also see Electrical & Electronic Equipment, Appendix C-II	
Metal Smelters & Foundries (SIC 33xx, 10xx)	Mercury Production	Any/all operations, especially Mining, Primary Ore Process, Secondary Production. Particulate releases including but not limited to: From smelter, hoeing, retort	Mercury
Metal Smelters & Foundries (SIC 33xx, 10xx)	Mining of Metals (SIC 10xx)		Cyanide compounds (inorganic), Dimethyl methylphosphonate, Hexachloroethane, Mercury, Methyl isopropyl ketone, Phosgene, Tri-n-butyl phosphate
Metal Smelters & Foundries (SIC 33xx, 10xx)	Nickel Production (SIC 3339, 3341)	Any/all operations, especially Metal Casting, Mining Operations, Refining, Melting/Roasting, Crushing, Drying. Gaseous, aerosol, particulate releases including but not limited to: From the calciner, furnace, material crusher/mill, roaster, material storage & handling, rotary dryers, storage pile, day bin, skip hoists	Arsenic, Biphenyl, Cadmium, Lead, Nickel, PAHs and PAH-related compounds, POM, Selenium, Zinc

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Smelters & Foundries (SIC 33xx, 10xx)	Nonferrous Metal Production (SIC 333x-339x)	Any/all operations, especially Super Alloys, Permanent Magnet Alloys, Electrical Alloys. Gaseous, aerosol, particulate releases including but not limited to:	Aluminum, Arsenic, Barium, Chromium (III) Sulfate, Cobalt, Cobalt oxalate, Hafnium and compounds, Hydrochloric acid, Indium and compounds, 2-Methylacetonitrile, Nickel, Rhodium, Ruthenium, Selenium, Silver, Tellurium hexafluoride, Vanadium pentoxide
Metal Smelters & Foundries (SIC 33xx, 10xx)	Secondary Processing of Nickel Scrap (SIC 3341)	Gaseous, aerosol, particulate releases including but not limited to:	Nickel, Tellurium hexafluoride
Metal Smelters & Foundries (SIC 33xx, 10xx)	Radium, Uranium, & Vanadium Mining (SIC 1094)	Gaseous, aerosol, particulate releases including but not limited to:	Ammonia, Chlorine trifluoride, Gasoline vapors, Hydrogen sulfide, Radionuclides
Metal Smelters & Foundries (SIC 33xx, 10xx)	Steel Foundries - see Metal Smelters, Iron & Steel, Appendix C-II		
Metal Smelters & Foundries (SIC 33xx, 10xx)	Uranium Production - see Metal Smelters, Radium, Appendix C-II		
Metal Smelters & Foundries (SIC 33xx, 10xx)	Vanadium Production - see Metal Smelters, Radium, Appendix C-II		
Metal Smelters & Foundries (SIC 33xx, 10xx)	Primary Zinc Smelting (SIC 3339)	Any/all operations, especially Material Preparation, Slag Dumping, Mining Operations. Gaseous, aerosol, particulate releases including but not limited to: From the condenser, furnace, roaster, retort, material storage and handling, outdoor storage pile, and service road	Arsenic, Cadmium, Copper, Dioxins, Mercury, PAHs and PAH-related compounds, Polychlorinated dibenzofurans, POM, Selenium, Zinc

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Metal Smelters & Foundries (SIC 33xx, 10xx)	Secondary Zinc Process (SIC 3341)	Any/all operations, especially Furnace Tapping, Furnace Charging, Metal Casting. Gaseous, aerosol, particulate releases including but not limited to: From the furnace, condenser, retort service road, and galvanizing vessel	Cadmium, Mercury, Nickel, Selenium, Zinc
Military Bases (SIC 9711)			t-Butyl acetate, Diethylenetriamine, Isocyanates, Uranium and compounds
Military Bases (SIC 9711)	Chemical Production - see Chemical Manufacturing, Military Chemical Manufacturing, Appendix C-II		
Military Bases (SIC 9711)	Combustion Process - see Combustion, Appendix C-I		
Military Bases (SIC 9711)	Degreasing - see Solvent Use, Appendix C-I		
Military Bases (SIC 9711)	Research - see Research & Development, Appendix C-II		
Military Bases (SIC 9711)	Surface Coating - see Solvent Use and Other Processes, Appendix C-I		
Military Bases (SIC 9711)	Vehicle Refueling - see Other Processes, Appendix C-I		
Millworks - see Wood Product Manufacturing, Appendix C-II			

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Mining of Metals - see Metal Smelters & Foundries, Appendix C-II			
Mining of Non-Metals (SIC 14xx)	Miscellaneous (SIC 14xx, 1499)		Acetaldehyde, Acrolein, Aluminum, Antimony, Arsenic, Arsenic compounds (inorganic), Barium, Benzene, Beryllium, 1,3-Butadiene, Cadmium, Chromium, Chromium hexavalent, Copper, Diesel engine PM, Diesel engine TOG, Ethyl benzene, Formaldehyde, Hydrogen sulfide, Lead, Lead compounds (inorganic), Manganese, Mercury, Methylene chloride, Asbestos, Nickel, PAHs and PAH-related compounds, Naphthalene, Phenanthrene, Phosphorus, Selenium, Silica (crystalline, respirable), Silicon carbide whiskers, 1,2,4-Trimethylbenzene, Zinc, All listed substances specified in Appendix A
Mining of Non-Metals (SIC 14xx)	Arsenic Mining (SIC 1479)		Arsenic
Mining of Non-Metals (SIC 14xx)	Anthracite Mining (SIC 1231)		Arsenic, p-Cresol, Toluene diisocyanates, PAHs and PAH-related compounds, POM
Mining of Non-Metals (SIC 14xx)	Asbestos (SIC 1499)		Mineral fibers (asbestos and related), Silica
Mining of Non-Metals (SIC 14xx)	Clay (SIC 145x)		Arsenic, Beryllium, Toluene diisocyanates, Lead
Mining of Non-Metals (SIC 14xx)	Coal (Bituminous) & Lignite (SIC 122x)		Arsenic, Coal dust, Coal tar, p-Cresol, Hydrogen sulfide, Toluene diisocyanates, o-Phenylenediamine and its salts
Mining of Non-Metals (SIC 14xx)	Limestone (SIC 1422)		Nickel
Mining of Non-Metals (SIC 14xx)	Minerals, Nonmetallic (SIC 1481)		Arsenic, Beryllium, Cadmium, Chromium, Toluene diisocyanates, Lead, Mineral fibers (asbestos and related)
Mining of Non-Metals (SIC 14xx)	Phosphate Rock (SIC 1475)		Radionuclides
Mining of Non-Metals (SIC 14xx)	Sand & Gravel (SIC 144x)		Crystalline silica, Mineral fibers (asbestos and related)
Mining of Non-Metals (SIC 14xx)	Sand & Gravel (SIC 144x)	Construction (SIC 1442)	Vinyl chloride
Mining of Non-Metals (SIC 14xx)	Sand & Gravel (SIC 144x)	Industrial (SIC 1446)	Arsenic, Beryllium, Toluene diisocyanates, Lead, Phenol
Mining of Non-Metals (SIC 14xx)	Sulfur (SIC 1479)		Arsenic, Hydrogen sulfide

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Monofilament Fiber Manufacturing (SIC 2823, 3089)	Wet Spin, Dry Spin, Filter-tow Dry Spin, Filament Yarn Dry Spin	Gaseous and particulate releases including but not limited to: From: polymer and solvent storage, ope preparation (blending), filtration, spin cell, lubrication, drawing, finish application, and drying	Cyclosiloxanes, D5, Titanium dioxide
Monofilament Fiber Manufacturing (SIC 2823, 3089)	Polymer constituents		Acrylonitrile, Carbon disulfide, 2,4-Diaminotoluene, Dibenzofurans, Ethylene, Ethylene glycol, Ferrocene, Hexachloroethane, Hexafluoroacetone, Methyl acrylate, p-Phenylenediamine, Propylene, Terephthalic acid, Vinyl acetate, Vinyl chloride
Monofilament Fiber Manufacturing (SIC 2823, 3089)	Solvents/precipitants		Methyl ethyl ketone, Sodium hydroxide, Sulfuric acid, Toluene, Zinc chloride
Monofilament Fiber Manufacturing (SIC 2823, 3089)	Flame retardants		Vinyl bromide
Monofilament Fiber Manufacturing (SIC 2823, 3089)	Promoters/activators		Hydrazine, Hydroquinone
Monofilament Fiber Manufacturing (SIC 2823, 3089)	Lubricants		Adipic acid, Amitrole, Ammonium salts, tert-Amyl methyl ether, Calcium oxide, Mica, Zinc oxide
Monofilament Fiber Manufacturing (SIC 2823, 3089)	Combustion Processes - see Combustion, Appendix C-I		
Monofilament Fiber Manufacturing (SIC 2823, 3089)	Storage - see Liquid Storage & Transfer, Appendix C-I		
Monofilament Fiber Manufacturing (SIC 2823, 3089)	Surface Coating - see Solvent Use and Other Processes, Appendix C-I		
Mortuaries - see Crematories, Human and Veterinary, and Funeral Service, Appendix C-II (SIC 7261)			

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Motor Vehicle Production - see Transportation Equipment, Appendix C-II			
Motorcycle Manufacturing - see Transportation Equipment, Appendix C-II			
Musical Instrument Manufacturing (SIC 3931)			Isocyanates, Lead, Acrylonitrile-butadiene-styrene copolymers, Tin, Toluene, TCE
Musical Instrument Manufacturing	Also see Combustion, Other Processes, and Solvent Use, Appendix C-I; Wood Product Manufacturing, Appendix C-II		Arsenic, Carbon tetrachloride, Chromium, Dioxin, CFC-113, Hydrazine, Mercury, Methylene chloride, PCBs, Perchloroethylene, Phenol, 1,1,1-TCA, Xylenes
National Defense (SIC 97xx)			p-Aramid fibrils, t-Butyl acetate, Carbon tetrachloride, Chromium, Diethylenetriamine, 1,4-Dioxane, Dioxin, CFC-113, Hydrazine, Isocyanates, Mercury, Methylene chloride, PCBs, Perchloroethylene, Phenol, 1,1,1-TCA, Uranium and compounds, Xylenes
National Defense (SIC 97xx)	Also see Military Bases, Appendix C-II		
National Security (SIC 97xx)			Ammonia, p-Aramid fibrils, Benzene, Beryllium, t-Butyl acetate, Cadmium, Chlorinated phenols, Chromium, Diethylenetriamine, 1,4-Dioxane, ETO, Formaldehyde, Gasoline vapors, Hydrogen chloride, Hydrogen sulfide, Isocyanates, Lead, Manganese, Methylene chloride, Nickel, PAHs and PAH-related compounds, Perchloroethylene, Phenol, POM, Radionuclides, 1,1,1-TCA, TCE, Xylenes
Natural Gas Combustion - see Combustion, Appendix C-I			
Needle, Pin, & Fastener Manufacturing (SIC 3965)			Formaldehyde, Hydrogen chloride, Lead, Toluene, TCE, Zinc

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Needle, Pin, & Fastener Manufacturing (SIC 3965)	Also see Metal Product Fabrication, Appendix C-II		
Newspaper Publishing - see Printing & Publishing, Appendix C-II			
Nickel Plating - see Metal Plating, Appendix C-II			
Office Machine Manufacturing - see Machinery Manufacturing, Appendix C-II			
Office Supplies Manufacturing (SIC 395x)			Isocyanates
Office Supplies Manufacturing (SIC 395x)	Carbon Paper & Inked Ribbons (SIC 3955)		Toluene
Office Supplies Manufacturing (SIC 395x)	Lead Pencils & Art Goods (SIC 3952)		Copper, Formaldehyde, Sodium chlorite, Toluene
Office Supplies Manufacturing (SIC 395x)	Marking Devices (SIC 3953)		Lead, Toluene, TCE, Zinc
Office Supplies Manufacturing (SIC 395x)	Pens & Mechanical Pencils (SIC 3951)		Chlorine, Isocyanates, Methylene chloride, Perchloroethylene, Toluene, TCE
Office Supplies Manufacturing (SIC 395x)	Ink/Dye Manufacturing - see Chemical Manufacturing, Appendix C-II		
Oil Combustion - see Combustion, Appendix C-I			

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Oil and Gas Extraction (SIC 13xx)			Acetaldehyde, Acrolein, Acrylamide, Adipic acid, Ammonia, Ammonium sulfate, Arsenic, Benzene, Beryllium, Bromine, 1,3-Butadiene, Cadmium, Carbon tetrachloride, Chlorinated diphenyl oxide, Chlorine, 1,4-Dichlorobenzene, Chromium, Chromium hexavalent, Copper, Dibromoacetonitrile, Diesel engine PM, Diesel engine TOG, Dimethyl disulfide, 7,12-Dimethylbenz[a]anthracene, 1,4-Dioxane, Disodium cyanodithioimidocarbonate, Ethyl benzene, EDB, Ethylene glycol, ETO, Formaldehyde, Formic acid, Gasoline vapors, Glutaraldehyde, Glycol ethers and their acetates, Dipropylene glycol monomethyl ether, Ethylene glycol monobutyl ether, Hexane, Hydrochloric acid, Hydrogen sulfide, Isopropyl alcohol, Lead, Manganese, Mercury, Methanol, Nickel, PAHs and PAH-related compounds, Benzo[a]pyrene, Benzo[b]fluoranthene, Naphthalene, Perchloroethylene, Phenols, Phosphorus, POM, Propylene, Propylene oxide, Radionuclides, Selenium, Sodium hydroxide, Styrene, Sulfur compounds, 1,1,2,2-Tetrachloroethane, Thioglycolic acid and salts, Thiourea, Toluene, 1,1,1-TCA, 1,2,4-Trimethylbenzene, Uranium and compounds, Vinyl chloride, Xylenes, Zinc, All listed substances specified in Appendix A
Oil and Gas Extraction (SIC 13xx)	Drilling Wells (SIC 1381)		Barium sulfate, Beryllium, Calcium oxide, Dibromoacetonitrile, Hydrogen sulfide, Mica, Tri-n-butyl phosphate
Oil and Gas Extraction (SIC 13xx)	Exploration (SIC 1382)		Benzene, Carbon tetrachloride, Chlorobenzene, 1,4-Dichlorobenzene, EDC, Hydrogen sulfide, Toluene, 1,1,1-TCA, Xylenes
Oil and Gas Extraction (SIC 13xx)	Extraction (SIC 13xx)	Natural Gas & Crude Petroleum (SIC 1311)	Aluminum phosphide, Ammonia, Cyclohexane, Dibromoacetonitrile, Formaldehyde, Gasoline vapors, Glutaraldehyde, Hydrogen sulfide, Thioglycolic acid and salts, Trimethylamine
Oil and Gas Extraction (SIC 13xx)	Extraction (SIC 13xx)	Natural Gas Liquids (SIC 1321)	Ammonia, Hydrogen sulfide
Oil and Gas Extraction (SIC 13xx)	Field Services (SIC 138x)		Cobalt sulfide, Gasoline vapors, Hydrogen sulfide, Methanol, Iodine-131, Sodium hydroxide
Oil and Gas Extraction (SIC 13xx)	Gas Stripping Fugitive Losses, Oil Production Fugitive Losses, Tertiary Oil Production, Heavy Oil Test Stations	Gaseous and aerosol releases from field separator, sumps, wells, well heads, well cellars, pumps, fittings, oil pits, compressors, oil/water separators, steam drive wells, cyclic wells, pseudo cyclic wells, test stations	Biphenyl, Dibromoacetonitrile, Diethanolamine, EDC

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Oil and Gas Extraction (SIC 13xx)	Combustion Processes - see Combustion, Appendix C-I		
Oil and Gas Extraction (SIC 13xx)	Oil Storage - see Liquid Storage and Transfer, Appendix C-I		
Oil and Gas Extraction (SIC 13xx)	Other Processes - see Other Processes & Fugitives, Appendix C-I		
Oil and Gas Extraction (SIC 13xx)	Solvent Use - see Solvent Use, Appendix C-I		
Oil and Gas Extraction (SIC 13xx)	Storage & Handling - see Liquid Storage & Transfer, Appendix C-I		
Organic Chemical Manufacturing - see Chemical Manufacturing, Appendix C-II			
Paint & Allied Products Manufacturing - see Chemical Manufacturing, Appendix C-II			
Paper & Allied Products Manufacturing (SIC 26xx)	Gaseous/aerosol/particulate releases including but not limited to:		Acetaldehyde, Acrolein, Ammonia, Antimony trioxide, Arsenic, Benzene, Beryllium, 1,3-Butadiene, n-Butyl alcohol, Cadmium, Chlorine, Chloroform, Chromium, Chromium hexavalent, Copper, Diesel engine PM, 1,4-Dioxane, Epichlorohydrin, Ethyl benzene, EDB, Flame retardants, Formaldehyde, Hexane, Hydrochloric acid, Hydrogen sulfide, Isopropyl alcohol, Lead, Manganese, Mercury, Methanol, Methyl acrylate, Methylene chloride, Nickel, PAHs and PAH-related compounds, Naphthalene, Perchloroethylene, Polychlorinated dibenzofurans, Sodium fluoride, Sodium hydroxide, Styrene, Sulfur dioxide, Toluene, 1,1,1-TCA, TCE, Xylenes, Zinc, All listed substances specified in Appendix A

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Paper & Allied Products Manufacturing: any/all sectors and product types (SIC 26xx)	From: Sizing agents		Acrylamide, Styrene and copolymers
Paper & Allied Products Manufacturing: any/all sectors and product types (SIC 26xx)	Wet & dry-strength agents		Epichlorohydrin, Formaldehyde
Paper & Allied Products Manufacturing: any/all sectors and product types (SIC 26xx)	Adhesives		Acrylamide, Allyl methacrylate, Ammonia, t-Butyl acetate, Glutaraldehyde, Diethylene glycol, Methylene bis(4-cyclohexylisocyanate), PCBTF, Phthalates, Styrene and copolymers, Vinyl acetate, 4-Vinylcyclohexene, Vinylidene chloride
Paper & Allied Products Manufacturing: any/all sectors and product types (SIC 26xx)	Dyes & pigments		Anthranilic acid, Arsenic pentoxide, Benzidine, Benzidine and its salts, Direct Black 38, Direct Blue 6, Direct Blue 218, Direct Brown 95, Chloroacetic acid, 5-Chloro-o-toluidine and its strong acid salts, 2,4-Dichlorophenol, Chromium hexavalent, Cobalt octoate, m-Cresidine, p-Cresidine, 2,4-Diaminoanisole, 3,3'-Dichlorobenzidine dihydrochloride, 1,4-Dichloro-2-nitrobenzene, Diethyl sulfate, 3,3'-Dimethoxybenzidine, 3,3'-Dimethylbenzidine dihydrochloride, 3,3'-Dimethylbenzidine, Endrin, Glutaraldehyde, Hexamethylenetetramine, Lead, Sulfuric acid, o-Tolidine
Paper & Allied Products Manufacturing: any/all sectors and product types (SIC 26xx)	Binders		Styrene and copolymers
Paper & Allied Products Manufacturing: any/all sectors and product types (SIC 26xx)	Pigment fillers/coatings		Cobalt octoate, Ethylene, Methyl acrylate, Methylene bis(4-cyclohexylisocyanate), Mineral fibers (asbestos and related), Styrene and copolymers, Zinc, Zinc oxide
Paper & Allied Products Manufacturing: any/all sectors and product types (SIC 26xx)	Humectants		Formaldehyde

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Paper & Allied Products Manufacturing: any/all sectors and product types (SIC 26xx)	Coatings		Acrylic acid, Allyl methacrylate, Aluminum oxide, Ammonia, Benzofuran, Bisphenol-related chemicals, Cobalt octoate, Cyclosiloxanes, D4, Ethyl acrylate, 2-Ethylhexyl acrylate, Formaldehyde, Glyoxal, Methyl acrylate, Methylene bis(4-cyclohexylisocyanate), PCBTF, Pentachloronaphthalene, Phthalates, Sodium hydroxide, Wollastonite
Paper & Allied Products Manufacturing: any/all sectors and product types (SIC 26xx)	Oil-resistant additives		Fluorochemical chrome complex
Paper & Allied Products Manufacturing: any/all sectors and product types (SIC 26xx)	Machine operating aids, Retention aids		Epichlorohydrin, Mineral fibers (asbestos and related)
Paper & Allied Products Manufacturing: any/all sectors and product types (SIC 26xx)	Machine operating aids, Biocides & slime control		Acrolein, Pentachlorophenol, Dibromoacetonitrile, Pentachloronitrobenzene, 1,1,1-TCA, Trichlorophenol
Paper & Allied Products Manufacturing: any/all sectors and product types (SIC 26xx)	Deinking agents		PCBTF, Sodium hydroxide, N-Vinyl-2-pyrrolidone
Paper & Allied Products Manufacturing: any/all sectors and product types (SIC 26xx)	Bleaching chemicals		Ammonia, tert-Butyl hydroperoxide, Chlorine, Chlorine dioxide, Chloroform, Chromic sulfate, Chromium hexavalent, Sodium dichromate, Dioxins, Methanol, Peracetic acid, Polychlorinated dibenzofurans, Sodium hydroxide, Zinc
Paper & Allied Products Manufacturing: any/all sectors and product types (SIC 26xx)	From chemicals imported in waste paper: ink pigments, coating agents, binders, adhesives		Chloroform, Ethylene, PCBTF, Phenol, Phthalates, Toluene
Paper & Allied Products Manufacturing (SIC 26xx)	Building Paper & Board Mills (SIC 2621, 2679)		Ammonia, Ammonium sulfate, Carbon disulfide, Disodium cyanodithioimidocarbonate, Magnesium oxide, Methyl acrylate, 2-Methylaziridine, Mica, Mineral fibers (asbestos and related), Nitritotriacetic acid

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Paper & Allied Products Manufacturing (SIC 26xx)	Deink Fine & Tissue Paper, Secondary Fiber Mills (SIC 2621)		Chloroform, Disodium cyanodithioimidocarbonate, 2-Methylaziridine, Tetraethylene glycol
Paper & Allied Products Manufacturing (SIC 26xx)	Paper Mills Misc (SIC 2621)		Aluminum oxide, Arsenic, Cadmium, Chlorine, Chloroform, Disodium cyanodithioimidocarbonate, Ethyleneimine, Formamide, Glutaraldehyde, Hydrogen sulfide, Methanol, Methyl acrylate, Methyl ethyl ketone, 2-Methylaziridine, Mica, Mineral fibers (asbestos and related), Nitrotriacetic acid, Silica (crystalline, respirable), Sodium chlorite, Sodium dimethyldithiocarbamate, Sodium hydroxide, Sulfuric acid, Thiourea, Titanium dioxide, Toluene, TCE, Urea-formaldehyde, Vinyl acetate
Paper & Allied Products Manufacturing (SIC 26xx)	Paperboard Containers & Boxes Manufacturing (SIC 265x)		Ammonium sulfate, Di(2-ethylhexyl) phthalate
Paper & Allied Products Manufacturing (SIC 26xx)	Paperboard Containers & Boxes Manufacturing (SIC 265x)	Corrugated & Solid Fiber Box (SIC 2653)	Ammonia, TCE
Paper & Allied Products Manufacturing (SIC 26xx)	Paperboard Containers & Boxes Manufacturing (SIC 265x)	Folding Box (SIC 2657)	Formaldehyde
Paper & Allied Products Manufacturing (SIC 26xx)	Paperboard Containers & Boxes Manufacturing (SIC 265x)	Sanitary Food Containers (SIC 2656)	Acetaldehyde, Ammonia, Benzofuran, Bisphenol-related chemicals, 2-Chlorophenol, Lanthanum, Lauroyl peroxide, Perfluoro and polyfluoro compounds, 2-Phenylphenol, Phthalates, Sodium diamyl sulfosuccinate, Styrene and copolymers, Toluene, Vinyl acetate, Vinylidene chloride
Paper & Allied Products Manufacturing (SIC 26xx)	Paperboard Containers & Boxes Manufacturing (SIC 265x)	Fiber Cans, Drums, etc (SIC 2655)	Ammonia, Styrene and copolymers, Toluene
Paper & Allied Products Manufacturing (SIC 26xx)	Paperboard Containers & Boxes Manufacturing (SIC 265x)	Set-Up Box (SIC 2652)	Toluene

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Paper & Allied Products Manufacturing (SIC 26xx)	Paperboard Mills (SIC 2631)		Cadmium, Chlorine, Chloroform, Disodium cyanodithioimidocarbonate, Formaldehyde, Toluene
Paper & Allied Products Manufacturing (SIC 26xx)	Converted Paper Products (SIC 267x)		Methyl acrylate
Paper & Allied Products Manufacturing (SIC 26xx)	Converted Paper Products (SIC 267x)	Die-Cut Paper & Board (SIC 2675)	Biphenyl, Methyl acrylate, Toluene, TCE
Paper & Allied Products Manufacturing (SIC 26xx)	Converted Paper Products (SIC 267x)	Paper Bags (SIC 2673, 2674)	Acetaldehyde, Ammonia, Formaldehyde, Hydrogen chloride, Methyl acrylate, Methylene chloride, PAHs and PAH-related compounds, Naphthalene, Perchloroethylene, Toluene, 1,1,1-TCA
Paper & Allied Products Manufacturing (SIC 26xx)	Converted Paper Products (SIC 267x)	Pressed & Molded Pulp Goods (SIC 2621, 2679)	Calcium oxide, 2,4,6-Trichlorophenol, Zinc
Paper & Allied Products Manufacturing (SIC 26xx)	Converted Paper Products (SIC 267x)	Miscellaneous (SIC 2679)	Ammonia, Barium sulfate, Formaldehyde, Methanol, Methyl acrylate, Toluene
Paper & Allied Products Manufacturing (SIC 26xx)	Pulp Mill Manufacturing (SIC 2611)		Acrylamide, Chlorine, 2,4,6-Trichlorophenol, Cyclosiloxanes, D6, Disodium cyanodithioimidocarbonate
Paper & Allied Products Manufacturing (SIC 26xx)	Pulp Mill Manufacturing (SIC 2611)	Groundwood/Mechanical Pulp Manufacturing	Pentachlorophenol
Paper & Allied Products Manufacturing (SIC 26xx)	Pulp Mill Manufacturing (SIC 2611)	Chemical Pulp Manufacturing	Ammonia, Calcium, Carbon, Sodium hydroxide, Sodium sulfate, Sulfur dioxide
Paper & Allied Products Manufacturing (SIC 26xx)	Pulp Mill Manufacturing (SIC 2611)	Dissolving Pulp, Kraft or Sulfite	Anthraquinone, Chloroform

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Paper & Allied Products Manufacturing (SIC 26xx)	Pulp Mill Manufacturing (SIC 2611)	Sulfite Papergrade Pulp	Chloroform
Paper & Allied Products Manufacturing (SIC 26xx)	Pulp Mill Manufacturing (SIC 2611)	Deink Fine & Tissue Paper	Chloroform, Tetraethylene glycol
Paper & Allied Products Manufacturing (SIC 26xx)	Pulp Mill Manufacturing (SIC 2611)	Pressed & Molded Pulp Goods	Zinc
Paper & Allied Products Manufacturing (SIC 26xx)	Pulp Mill Manufacturing (SIC 2611)	Miscellaneous	Calcium oxide, Chlorine, Chlorine dioxide, Chloroform, 2,4,5-Trichlorophenol, Di-isobutyl phthalate, Dioxins, Hydrogen sulfide, Polychlorinated dibenzofurans
Paper & Allied Products Manufacturing (SIC 26xx)	Pulp Mill Manufacturing (SIC 2611)	Also see Paperboard, Coarse Paper, Tissue Paper, Appendix C-II	
Pens & Pencils - see Office Supplies, Appendix C-II			
Petroleum Bulk Stations & Terminals (SIC 5171)			Benzene, Benzyl chloride, Carbon tetrachloride, Chlorine, EDB, EDC, Formaldehyde, Gasoline vapors, Hydrogen chloride, Hydrogen sulfide, Isocyanates, Magnesium oxide, Methyl methacrylate, Styrene and copolymers, Toluene, Xylenes
Petroleum Bulk Stations & Terminals (SIC 5171)	Also see Bulk Plants & Terminals, Appendix C-II		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Petroleum & Coal Products (SIC 29xx)			Acetaldehyde, Acrolein, Ammonia, Arsenic, Benzene, Beryllium, 1,3-Butadiene, Cadmium, Carbon tetrachloride, Chlorine, Chloroform, Chromium, Chromium hexavalent, Copper, Cresols, Hydrocyanic acid, Cyclosiloxanes, D6, Diesel engine PM, Diethanolamine, Ethyl benzene, Ethylene, EDB, EDC, Hydrogen fluoride, Formaldehyde, Gasoline vapors, Hydrochloric acid, Hydrogen sulfide, Lead, Manganese, Mercury, Methanol, MTBE, Methylene chloride, Asbestos, Nickel, PAHs and PAH-related compounds, Benzo[a]pyrene, Benzo[b]fluoranthene, Chrysene, Naphthalene, Phenanthrene, Perchloroethylene, Phosphorus, Polychlorinated dibenzofurans, Propylene, Selenium, Silica (crystalline, respirable), Sodium hydroxide, Toluene, 1,1,1-TCA, 1,2,4-Trimethylbenzene, Vanadium, Vinyl chloride, Xylenes, Zinc, Zinc oxide, All listed substances specified in Appendix A
Petroleum & Coal Products (SIC 29xx)	Miscellaneous (SIC 29xx, 2999)		Chromium, Cobalt, Creosotes, Gasoline vapors, Molybdenum trioxide, Naphtha (coal tar), PAHs and PAH-related compounds, Naphthalene, Pentachloroethane, Perchloroethylene, Sulfur dioxide
Petroleum & Coal Products (SIC 29xx)	Asphalt Felts & Coatings (SIC 2952)		Carbon tetrachloride, 1,2-Dichlorobenzene, Chromium, Dibenzofurans, Diethylenetriamine, Ethylene glycol, Formaldehyde, 2-Methylaziridine, 1-Methylnaphthalene, Methylnaphthalene (mixed), Mineral fibers (asbestos and related), PAHs and PAH-related compounds, POM
Petroleum & Coal Products (SIC 29xx)	Lubricating Oils & Greases (SIC 2992)		Adipic acid, Benzene, Bis(2-chloroethyl) ether, Bromobenzene, Calcium oxide, Carbazole, Chlorinated diphenyl oxide, 1,2-Dichlorobenzene, 2-Chloronaphthalene, p-Cresol, Decahydronaphthalene, N-Nitrosodiethylamine, Dibenzofurans, Dibutyl phenyl phosphate, Dibutyl phosphate, Diethylenetriamine, Di(2-ethylhexyl) phthalate, Dimethyl glutarate, Dimethyl hydrogen phosphite, Epichlorohydrin, ETBE, Ethyleneimine, Formaldehyde, Glycol ethers and their acetates, Hexachlorobutadiene, Hydrogen sulfide, Hydroquinone, Isobutyl alcohol, Malononitrile, MIBK, 4,4'-Methylenedianiline (and dichloride), Methylstyrene, Mineral fibers (asbestos and related), Nitrobenzene, Pentachloronaphthalene, Perfluoro and polyfluoro compounds, PFOA, 2-Phenylphenol, Tri-n-butyl phosphate, Triorthocresyl phosphate, Triphenyl phosphate, Phthalates, Phthalonitrile, Propylene oxide, Sodium chlorite, Succinic anhydride, Toluene, 1,1,1-TCA, TCE, Tricresyl phosphate, 2,2,4-Trimethylpentane, Xylenes, o-Xylene, Zinc oxide
Petroleum & Coal Products (SIC 29xx)	Paving & Roofing Materials (SIC 295x)		Mica, Mineral fibers (asbestos and related)
Petroleum & Coal Products (SIC 29xx)	Paving & Roofing Materials (SIC 295x)	Paving Mixtures & Blocks (SIC 2951)	Ammonia, Benzene, Chloroform, Chromium, Formaldehyde, Isocyanates, Methyl isocyanate, Mercury, Mineral fibers (asbestos and related), PAHs and PAH-related compounds, Benzo[a]pyrene, Phthalates, POM, Toluene, 1,1,1-TCA

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Petroleum & Coal Products (SIC 29xx)	Petroleum Refineries (SIC 2911)		Ammonium nitrate, Beryllium, Boron trichloride, Bromine pentafluoride, 4-Chlorophenol, Chromium (III) Sulfate, Cobalt sulfide, Creosotes, Cyclosiloxanes, D4, N-Nitrosodiethylamine, N-Nitrosodimethylamine, Dimethyl disulfide, 1,4-Dioxane, Ethyl benzene, Ethyleneimine, Ferrocene, Hydrogen fluoride, MHF, Furfural, Diethylene glycol, Heptane, Hexamethylphosphoramide, Hexane, Hydrazine, Hydrogen peroxide (>5%), Iron pentacarbonyl, Isobutylene, Lead, Magnesium oxide, Manganese cyclopentadienyl tricarbonyl, Methylamine, 2-Methylaziridine, 2-Methylcyclopentadienyl manganese tricarbonyl, N-Methylpyrrolidone, Naphtha (coal tar), 1-Nitronaphthalene, 2-Nitropropane, Oxygen difluoride, Pentaborane, p-Phenylenediamine, Propionitrile, Propylene glycol dinitrate, Thorium-232 and its decay products, 1,1,2,2-Tetrabromoethane, Tetraethyllead, Tetramethyllead, 4-t-Octylphenol
Petroleum & Coal Products (SIC 29xx)	Petroleum Refineries	(1)Most Refinery Operations. Gaseous, aerosol, particulate releases including but not limited to: From: boiler, catalytic cracker, flare, incinerator, process heater	Acetaldehyde, Ammonia, Arsenic, Benzene, Beryllium, Biphenyl, Boron trifluoride complexes, Cadmium, Carbon disulfide, Chlorine, Chromium, Chromium hexavalent, Sodium dichromate, Cresol, Cumene, Hydrogen cyanide, Diethanolamine, Dimethyl sulfate, Dimethylamine, 1,2-Diphenylhydrazine, EDB, EDC, ETO, Formaldehyde, Gasoline vapors, Hydrogen chloride, Hydrogen sulfide, Isopropyl alcohol, Lead, Maleic anhydride, Mercury, Nickel, Oleum, PAHs and PAH-related compounds, Benzo[a]pyrene, Naphthalene, Phenol, POM, Sulfuric acid, Toluene, Xylenes, Zinc, Zinc oxide
Petroleum & Coal Products (SIC 29xx)	Petroleum Refineries	(2)Crude Separation Gas Production. In addition to item (1): absorber, distillation/fractionation	Ammonia, Chlorides, Cobalt, Cresols, EDC, Maleic anhydride, Michler's ketone, PAHs and PAH-related compounds, Phenols, POM, Sulfur compounds, Zinc
Petroleum & Coal Products (SIC 29xx)	Petroleum Refineries	(3)Light Hydrocarbon Processing. In addition to item (1): catalyst regeneration	Nickel carbonyl
Petroleum & Coal Products (SIC 29xx)	Petroleum Refineries	(4)Middle and Heavy Distillate Process. In addition to items (1) and (2): evaporation, stripper	Acetaldehyde, Ammonia, Carbon black extracts, Cobalt, Copper, Cresols, Formaldehyde, Maleic anhydride, 2-Methylaziridine, Michler's ketone, Nickel, PAHs and PAH-related compounds, Phenols, POM, Shale oils, Sulfur compounds, Xylenes, Zinc, All other listed Aromatic amines that are listed substances as specified in Appendix A

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Petroleum & Coal Products (SIC 29xx)	Petroleum Refineries	(5)Residual Hydrocarbon Processing. In addition to items (1) and (2): visbreaker furnace, process vent, stripper	Acetaldehyde, Ammonia, Chromates, Cresol, Formaldehyde, Lead, Maleic anhydride, Michler's ketone, Nickel, Nickel carbonyl, PAHs and PAH-related compounds, Phenols, POM, Sulfur compounds, Zinc, All other listed Aromatic amines that are listed substances as specified in Appendix A
Petroleum & Coal Products (SIC 29xx)	Also see Combustion, Liquid Storage & Transfer, and Other Processes, Appendix C-I; Chemical Manufacturing, and Oil & Gas Extraction, Appendix C-II		
Pharmaceutical Industries - see Chemical Manufacturing, Drugs, Appendix C-II			Arsenic trioxide
Photocopying & Blueprinting (SIC 7334)			Ammonia, Ammonium chloride, Benzenesulfonic acid, n-Butyl alcohol
Photographic Chemicals Manufacturing - see Chemical Manufacturing, Appendix C-II			
Photographic Studios (SIC 7335)			Ammonia, Ammonium chloride, n-Butyl alcohol, Cadmium chloride, Chromium hexavalent, Chromium trioxide, Chromium (III) Sulfate, Hydrogen cyanide, Di(2-ethylhexyl) phthalate, 1,1-Dimethylhydrazine, 2,4-Dinitrophenol, EDC, Hydrochloric acid, Mercuric chloride, Methylamine, Uranium and compounds
Photofinishing Labs (SIC 7384)			Benzenesulfonic acid, n-Butyl alcohol, Cadmium chloride, Chromium hexavalent, Chromium trioxide, Chromium (III) Sulfate, Cresols, 2,4-Dinitrophenol, EDC, Hydroquinone, Mercuric chloride, Methylamine, Methylene chloride, 1,1,1-TCA, Uranium and compounds, Vanadium pentoxide

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Pipelines - see Other Processes and Liquid Storage & Transfer, Appendix C-I			
Plastic & Synthetics Manufacturing - see Chemical Manufacturing, Appendix C-II			
Plastic Products Manufacturing (SIC 30xx)	Plastics Forming (SIC 3089)		Carbon black, Cyclohexanol, Isocyanates, 2-Mercaptobenzothiazole, Methyl ethyl ketone peroxide, Novolac resins, Oxybenzone, Tetraethylene glycol, Tributyltin methacrylate, 1,1,1-TCA
Plastic Products Manufacturing (SIC 30xx)	Also see Rubber & Misc Plastics Products, Appendix C-II		
Printing & Publishing (SIC 27xx)			Ammonium chloride, Bisphenol-related chemicals, Cobalt octoate, 1,4-Dioxane, Glycol ethers and their acetates, Iodoform, Isocyanates, Methylene chloride
Printing & Publishing (SIC 27xx)	Miscellaneous (SIC 27xx, 2741)		Arsenic pentoxide, 2,4-Dichlorophenol, Isocyanates, Toluene, TCE, p-Xylene, Zinc oxide
Printing & Publishing (SIC 27xx)	Blankbooks & Bookbinding (SIC 278x)	Blankbooks & Loose leaf Binders (SIC 2782)	Ammonia, Toluene, 1,1,1-TCA, TCE
Printing & Publishing (SIC 27xx)	Blankbooks & Bookbinding (SIC 278x)	Bookbinding etc (SIC 2789)	Toluene
Printing & Publishing (SIC 27xx)	Books (SIC 273x)	Printing (SIC 2732)	Ammonium chloride, Glycol ethers and their acetates, Lead, 1,1,1-TCA
Printing & Publishing (SIC 27xx)	Books (SIC 273x)	Publishing (SIC 2731)	Arsenic, Lead
Printing & Publishing (SIC 27xx)	Newspapers (SIC 2711)		TCE
Printing & Publishing (SIC 27xx)	Printing (Commercial) (SIC 275x)		1,4-Dioxane, Glycol ethers and their acetates, Isocyanates, n-Propyl alcohol, Toluene, 1,1,1-TCA
Printing & Publishing (SIC 27xx)	Printing (Commercial) (SIC 275x)	Engraving & Plate (SIC 2759)	Benzene, n-Propyl alcohol
Printing & Publishing (SIC 27xx)	Printing (Commercial) (SIC 275x)	Gravure (SIC 2754)	Ammonia, Benzene, Cadmium, Formaldehyde, Gasoline vapors, Methylene chloride, Nickel, Perchloroethylene, Toluene, 1,1,1-TCA, TCE, Xylenes
Printing & Publishing (SIC 27xx)	Printing (Commercial) (SIC 275x)	Letterpress (SIC 2759)	Ammonia, Benzene, Chromium, Methylene chloride, PAHs and PAH-related compounds, Naphthalene, Perchloroethylene, Toluene, TCE

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Printing & Publishing (SIC 27xx)	Printing (Commercial) (SIC 275x)	Lithographic (SIC 2752)	Ammonia, Barium, Barium sulfate, Benzene, Glycol ethers and their acetates, Tetramethyl succinonitrile, Toluene, TCE
Printing & Publishing (SIC 27xx)	Printing Trade Services (SIC 279x)	Typesetting (SIC 2791)	Ammonia
Printing & Publishing (SIC 27xx)	Printing Trade Services (SIC 279x)	Electrotyping & Stereotyping (SIC 2796)	4-Amino-2-nitrophenol, Barium, Barium sulfate, Cadmium chloride, Lead
Printing & Publishing (SIC 27xx)	Publishing (Misc) (SIC 2741)		Toluene
Printing & Publishing (SIC 27xx)	Combustion Processes - see Combustion, Appendix C-I		
Printing & Publishing (SIC 27xx)	Ink Manufacturing - see Chemical Manufacturing, Appendix C-II		
Printing & Publishing (SIC 27xx)	Printing - see Solvent Use, Appendix C-I		
Printing & Publishing (SIC 27xx)	Surface Coating - see Solvent Use, Appendix C-I		
Process Gas Combustion - see Combustion, Appendix C-I			
Publicly Owned Treatment Works (POTWs) (SIC 4952)	Miscellaneous		Acrylonitrile, Benzene, Bromate, Bromochloroacetic acid, Calcium oxide, Carbon nanotubes, Carbon tetrachloride, Chlorine, Chlorobenzene, 3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone, Chloroform, 1,4-Dichloro-2-nitrobenzene, EDC, Fluorocarbons, CFC-113, Hydrogen sulfide, Methylene chloride, Nickel compounds, Perchloroethylene, Perfluoro and polyfluoro compounds, Succinic anhydride, Toluene, 1,1,1-TCA, TCE, Vinyl chloride, Vinylidene chloride, Xylenes, All listed substances specified in Appendix A

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Publicly Owned Treatment Works (POTWs) (SIC 4952)	Any/all operations, especially Raw Sewage Offgases, Combustion from exhaust gases of digester gas burning engines modified to lower NOx emissions, Sludge Composting, Sawdust used as bulking agent (sawdust from lumber obtained at structural demolition projects), Sludge Dewatering, Sludge Treatment, Chlorinator Discharge, Digesters, Headworks		Acrolein, Ammonia, 1,3-Butadiene, Carbon tetrachloride, Chlorine, Chlorobenzene, 1,4-Dichlorobenzene, 3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone, Chloroform, Dimethylamine, EDC, Mineral fibers (asbestos and related), Perfluoro and polyfluoro compounds
Publicly Owned Treatment Works (POTWs) (SIC 4952)	Aeration Tanks - see Liquid Storage & Transfer, Appendix C-I		
Publicly Owned Treatment Works (POTWs) (SIC 4952)	Sludge Incinerators - see Combustion, Appendix C-I		
Publicly Owned Treatment Works (POTWs) (SIC 4952)	Water Treatment - see Other Processes, Appendix C-I		
Pulp Mills - see Paper & Allied Products Manufacturing, Appendix C-II			
Quarries (SIC 14xx)	Particulate-phase substances including but not limited to:		Arsenic, Mineral fibers (asbestos and related), Silica
Railroad Equipment Manufacturing - see Transportation Equip, Appendix C-II			
Refractory Production (SIC 3255, 3297)			Chromium

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Research & Development Labs (SIC 873x)			Acetic acid, 2-Acetylaminofluorene, 4-Aminobiphenyl, 2-Aminofluorene, Ammonia, Bromochloroacetic acid, Bromodichloromethane, Cadmium, Chloride, Chromium, Copper, Dialkylnitrosamines, 1,2-Diamino-4-nitrobenzene, Dibenz[a,h]acridine, Dibenz[a,i]acridine, Dibenz[c,h]acridine, Dibromochloromethane, Diethyl sulfate, 7,12-Dimethylbenz[a]anthracene, 3,7-Dinitrofluoranthene, 3,9-Dinitrofluoranthene, Formaldehyde, 7H-Dibenzo[c,g]carbazole, Heptachlor, Heptane, Hexachloroethane, Hexamethylphosphoramide, Hexane, Hydrochloric acid, Hydrogen chloride, Hydrogen sulfide, Lead, Malonaldehyde, Manganese, Mercury, 9-Methylanthracene, 3-Methylcholanthrene, MOCA, Methylene chloride, 1-Naphthylthiourea, Nickel, N-Nitrosomorpholine, N-Nitrosopiperidine, N-Nitrosopyrrolidine, PAHs and PAH-related compounds, Perchloroethylene, Phosgene, Phthalic acid, Phthalic anhydride, Radionuclides, Iodine-131, Radon and decay products, Styrene and copolymers, Subtilisins, delta-9-THC, Toluene, 2,4,6-Trichloroaniline, 1,1,1-TCA, TCE, Zinc, Zinc oxide
Research & Development Labs (SIC 873x)	Commercial Testing Labs (SIC 8734)		Cadmium chloride, Diphenylamine, Environmental tobacco smoke, Epichlorohydrin, Fluorocarbons (Chlorinated), Hydrochloric acid, Hydrogen sulfide, Lead subacetate
Research & Development Labs (SIC 873x)	Chemical Manufacturing - see Chemical Manufacturing, Appendix C-II		
Research & Development Labs (SIC 873x)	Combustion Processes - see Combustion, Appendix C-I		
Research & Development Labs (SIC 873x)	Other Processes - see Other Processes, Appendix C-I		
Research & Development Labs (SIC 873x)	Solvents - see Solvent Use, Appendix C-I		
Research & Development Labs (SIC 873x)	Storage and Handling - see Liquid Storage & Transfer, Appendix C-I		
Roadway Surfacing (SIC 1611)			Benzene, Coal tar, Mineral fibers (asbestos and related)

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Rubber Manufacturing - see Chemical Manufacturing, Appendix C-II			
Rubber & Misc Plastics Products (SIC 30xx)			Acetaldehyde, Acrolein, Acrylonitrile, Ammonia, Antimony trioxide, Arsenic, Benzene, Bis(2,3-epoxycyclopentyl) ether, 1,3-Butadiene, t-Butyl acetate, Cadmium, Carbon black extracts, Carbon tetrachloride, Chlorine, Chromium hexavalent, Copper, Decaborane, Diesel engine PM, Di(2-ethylhexyl) phthalate, 3,3'-Dimethoxybenzidine, 1,4-Dioxane, Epoxy resins, Ethyl cyanoacrylate, EDC, Flame retardants, Fluorocarbons (Chlorinated), Formaldehyde, Glycol ethers and their acetates, Propylene glycol monomethyl ether, Propylene glycol monomethyl ether acetate, Hydrochloric acid, Isocyanates, Toluene diisocyanates, Isopropyl alcohol, Lead, Lead phosphate, Manganese, Methanol, Methyl cyanoacrylate, Methyl ethyl ketone, MIBK, Methyl methacrylate, Methylene chloride, N-Methylpyrrolidone, Nickel, PAHs and PAH-related compounds, Naphthalene, PCBTF, Perchloroethylene, Phenol, Propylene oxide, Silica (crystalline, respirable), Sodium hydroxide, Styrene, Styrene and copolymers, p-tert-Butyl toluene, Toluene, 1,1,1-TCA, TCE, Vinyl chloride, Zinc, Zinc oxide, All listed substances specified in Appendix A
Rubber & Misc Plastics Products (SIC 30xx)	Fabricated Rubber Products (SIC 306x)		Aluminum diethyl phosphinate, Ammonia, Antimony, Barium sulfate, Benzene, p-Benzoquinone dioxime, Carbazole, Carbon black, Chlorine, Chromium hexavalent, Lead chromate, Cyclohexanone, ETO, Ethylidene dichloride, Formaldehyde, Hexachlorobenzene, Hexamethylenetetramine, Hydrogen chloride, Hydroquinone, Isobutylene, Toluene diisocyanates, Lead, Methyl chloride, Methylene chloride, Mica, PAHs and PAH-related compounds, Naphthalene, Perchloroethylene, Pyridine, Styrene and copolymers, Titanium dioxide, Toluene, 1,1,1-TCA, Tricresyl phosphate, Vanadium, Vinyl chloride, Wollastonite, Zinc, Zinc oxide

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Rubber & Misc Plastics Products (SIC 30xx)	Plastics Products, Misc (SIC 308x)		Acetaldehyde, Acrolein, Acrylonitrile, Adipic acid, Aluminum diethyl phosphinate, Ammonia, Aniline, Benzene, Benzyl chloride, Beryllium, Bisphenol-related chemicals, tert-Butyl alcohol, Cadmium, Carbon nanotubes, Chloral, Chlorine, Chromium hexavalent, Lead chromate, Cobalt, Cumene hydroperoxide, N-Nitrosodiethylamine, 2,4-Diaminotoluene, 1,2-Dichloroethylene (cis, trans), Epoxy resins, Ethylene, EDC, ETO, Ethylidene dichloride, CFC-113, Formaldehyde, Gasoline vapors, 2,4-Hexadienal, Hydrogen chloride, Hydrogen sulfide, Isocyanates, Toluene diisocyanates, Lead, Mercury, Methyl acrylate, Methyl methacrylate, Methylene chloride, 4,4'-Methylenedianiline (and dichloride), Methylstyrene, Mineral fibers (asbestos and related), 4-Nitrobiphenyl, N,N-Dimethylacetamide, PAHs and PAH-related compounds, Naphthalene, Paraformaldehyde, PBBs, PCBTF, Ammonium perfluorooctanoate, Phenol, Phenyl ether-biphenyl mixture (vapor), Tri-n-butyl phosphate, Phthalates, Phthalic anhydride, Propylene, Special-purpose fibers, Styrene and copolymers, Acrylonitrile-butadiene-styrene copolymers, Sulfuric acid, Tetraethylene glycol, Titanium dioxide, Toluene, 1,1,1-TCA, TCE, Trimethyl phosphite, Vinyl chloride, Vinyl chloride-vinyl acetate copolymers, Vinylidene chloride, Vinylidene chloride-vinyl chloride copolymers, Wollastonite, Zinc oxide
Rubber & Misc Plastics Products (SIC 30xx)	Reclaimed Rubber (SIC 3069)		Benzene, Cadmium, Chromium hexavalent, Lead chromate, 1,2-Diphenylhydrazine, Lead, 2-Nitropropane, Oxybenzone, PAHs and PAH-related compounds, Naphthalene, Styrene and copolymers, Toluene
Rubber & Misc Plastics Products (SIC 30xx)	Rubber & Plastic Footwear (SIC 3021)		Nonylphenol ethoxylates, PAHs and PAH-related compounds, Naphthalene, Phthalates, Toluene, 1,1,1-TCA
Rubber & Misc Plastics Products (SIC 30xx)	Rubber & Plastic Hose/Belting (SIC 3052)		Carbon black, Perchloroethylene, Phthalates, Toluene
Rubber & Misc Plastics Products (SIC 30xx)	Tires & Inner Tubes (SIC 3011)		Ammonia, p-Aramid fibrils, Benzene, Carbon black, Cobalt octoate, Formaldehyde, Hexane, Isoprene, Methanol, Methylene chloride, Octylphenol, Silica (crystalline, respirable), Styrene and copolymers, Toluene, 1,1,1-TCA, Zinc oxide
Rubber & Misc Plastics Products (SIC 30xx)	Rubber Manufacturing - see Chemical Manufacturing, Appendix C-II		
Rubber & Misc Plastics Products (SIC 30xx)	Surface Coating - see Solvent Use, Appendix C-I		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Rubber Cement Application/Manufacture (SIC 2891)			Bis(2,3-epoxycyclopentyl) ether, n-Butyl alcohol, tert-Butyl alcohol
Rubber Cement Application/Manufacture (SIC 2891)	Application - see Solvent Use, Appendix C-I		
Rubber Cement Application/Manufacture (SIC 2891)	Manufacture - see Solvent Use, Appendix C-I and Chemical Manufacturing, Appendix C-II		
Saw Mills - see Wood Product Manufacturing, Appendix C-II			
Scrap and Waste Materials Recycling (SIC 5093)			Arsenic, Benzene, Beryllium, Cadmium, Chromium hexavalent, Trichlorofluoromethane, Lead, Nickel, PCBs, 1,1,1-TCA
Semiconductor Manufacturing - see Electronic Equipment Manufacturing, Integrated Circuits, Appendix C-II			
Service Establishment Equipment and Supplies (SIC 5087)			Isobutyl methacrylate, 4-Methoxyphenol
Sewage Plants - see Combustion (Incineration), Appendix C-I			
Shingle & Siding Manufacturing (SIC 2952)			Mineral fibers (asbestos and related)
Shingle & Siding Manufacturing (SIC 2952)	Also see Plastics, Appendix C-II		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Sign & Advertisement Display Manufacturing (SIC 3993)			Ammonia, Beryllium, Hydrogen chloride, PAHs and PAH-related compounds, Naphthalene, Perchloroethylene, Toluene, 1,1,1-TCA, TCE, Zinc
Smelters - see Metal Smelters, Appendix C-II			
Solvent Recycling (SIC 7389)			Benzene, Bis(2-ethylhexyl) adipate, sec-Butyl alcohol, tert-Butyl alcohol, Chlorinated organics, Cyclosiloxanes, D5, 1,1,1,2-Tetrachloroethane
Solvent Recycling (SIC 7389)	Also see Solvent Use, Appendix C-I		
Space Research & Technology (SIC 9661)			Flame retardants
Space Research & Technology (SIC 9661)	Combustion Processes - see Combustion, Appendix C-I		
Space Research & Technology (SIC 9661)	Degreasing - see Solvent Use, Appendix C-I		
Space Research & Technology (SIC 9661)	Research - see Research & Development, Appendix C-II		
Space Research & Technology (SIC 9661)	Surface Coating - see Solvent Use and Other Processes, Appendix C-I		
Space Research & Technology (SIC 9661)	Vehicle Refueling - see Other Processes, Appendix C-I		
Sporting & Athletic Goods Manufacturing - see Toy & Sporting Good Manufacturing, Sporting & Athletic Goods, Appendix C-II			

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Sporting & Athletic Goods Manufacturing	Also see Combustion, Solvent Use, and Surface Coating, Appendix C-I; Chemical Manufacturing, Metal Product Manufacturing, Rubber Product Manufacturing, and Textiles Manufacturing, Appendix C-II		
Stone Products Manufacturing - see Clay, Glass & Stone Products, Appendix C-II			
Surface Coating Application/Manufacture	Application - see Solvent Use and Surface Coating, Appendix C-I		
Surface Coating Application/Manufacture	Manufacture - see Chemical Manufacturing, Appendix C-II		
Surgical & Medical Supplies Manufacturing (SIC 384x)	Combustion Processes - see Combustion, Appendix C-I		
Surgical & Medical Supplies Manufacturing (SIC 384x)	Degreasing - see Solvent Use, Appendix C-I		
Surgical & Medical Supplies Manufacturing (SIC 384x)	Instruments - see Instrument Manufacturing, Appendix C-II		
Surgical & Medical Supplies Manufacturing (SIC 384x)	Other Processes - see Other Processes, Appendix C-I		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Surgical & Medical Supplies Manufacturing (SIC 384x)	Pharmaceuticals Manufacturing - see Chemical Manufacturing, Appendix C-II		
Surgical & Medical Supplies Manufacturing (SIC 384x)	Sterilization - see Sterilizers, Appendix C-I		
Surgical & Medical Supplies Manufacturing (SIC 384x)	Surface Coating - see Solvent Use, Appendix C-1		
TSDFs - see Transfer, Storage, & Disposal Facilities, Appendix C-II			
Textile Mill Products Manufacturing (SIC 22xx, 23xx)			Acetic acid, Ammonium sulfate, Antimony trioxide, Cyclosiloxanes, D4, Dibutyl phosphate, Dimethyl hydrogen phosphite, 1,4-Dioxane, Flame retardants, Glycol ethers and their acetates, Methylene chloride, Phthalates, Styrene oxide, Succinic anhydride, Trimethyl phosphite
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Miscellaneous (SIC 22xx, 2299, 23xx, 2399)		Benzene, Benzidine, Benzidine and its salts, Bis(2-chloroethyl) ether, Bis(chloromethyl) ether, Carbon nanotubes, Chlorine dioxide, 1,4-Dichlorobenzene, Cyclohexanol, 2,4-Diaminoanisole, Dichloroethane, Dimethyl methylphosphonate, Dioxane, Ethylene glycol, ETO, Ethylenediamine, Ethyleneimine, Formaldehyde, Glutaraldehyde, Hydrazine, Hydrochloric acid, Hydrogen peroxide (>5%), Methyl bromide, Mineral fibers (asbestos and related), Nitrotri-acetic acid, Nonylphenol ethoxylates, PBBs, Perchloroethylene, Permethrin, Phenol, Special-purpose fibers, Terephthalic acid, Tetrakis(hydroxymethyl)phosphonium sulfate, TCE, Urea-formaldehyde, Vinyl acetate, Zinc oxide
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Apparel/Other Textile Products (SIC 23xx)		Ammonia, Arsenic, Chlorine, Di-n-propyl isocinchomeronate, EDC, Toluene, 1,1,1-TCA
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Apparel/Other Textile Products (SIC 23xx)	Fur Goods (SIC 2371)	Ammonia, 2,4-Diaminoanisole, Perchloroethylene

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Apparel/Other Textile Products (SIC 23xx)	Apparel Belts (SIC 2387)	Ammonia, Cadmium, Copper, Toluene, Zinc
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Apparel/Other Textile Products (SIC 23xx)	House Furnishings (SIC 2391, 2392)	Flame retardants, Mineral fibers (asbestos and related), PAHs and PAH-related compounds, Naphthalene, Toluene
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Apparel/Other Textile Products (SIC 23xx)	Auto/Apparel Trimmings (SIC 2396)	Ammonia, Arsenic, Benzene, Triphenyl phosphate, Toluene, Vinyl chloride
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Floor Covering Mills (SIC 2273)	Miscellaneous	Arsenic, Flame retardants, Perfluoro and polyfluoro compounds
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Floor Covering Mills (SIC 2273)	Woven Carpets & Rugs	Arsenic, EDC, Flame retardants, Perfluoro and polyfluoro compounds
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Floor Covering Mills (SIC 2273)	Tufted Carpets & Rugs	Benzene, EDC, Flame retardants, Formaldehyde, Perfluoro and polyfluoro compounds
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Knitting Mills (SIC 225x)		Benzene, Benzidine, Benzidine and its salts
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Knitting Mills (SIC 225x)	Hosiery (SIC 2251, 2252)	Acrylonitrile, Benzene
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Knitting Mills (SIC 225x)	Knit Outerwear Mills (SIC 2253)	Ammonia, Arsenic, Benzene, Perchloroethylene
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Narrow Fabric Mills (SIC 2241)		Benzene, 1,4-Dioxane, Mineral fibers, Mineral fibers (asbestos and related), Uranium and compounds
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Nonwoven Industry (SIC 2297)		Bis(chloromethyl) ether

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Textile Finishing (SIC 2231, 226x)	Miscellaneous (SIC 2269)	Acrylonitrile, Benzene, Benzidene, Bis(chloromethyl) ether, 1,3-Butadiene, Cyclohexanol, Diethyl sulfate, Diglycidyl ether, Flame retardants, Formaldehyde, Glyoxal, Hexafluoroacetone, Hydrazine, Hydrogen peroxide (>5%), Methyl acrylate, N-Methylpyrrolidone, PBBs, Perchloroethylene, Phosphorus trichloride, n-Propyl carbamate, Sodium chlorite, Tetrahydrobenzaldehyde, Tetramethylethylenediamine, Thiourea, Toluene, Uranium and compounds, Vinyl chloride, Vinylidene chloride, Xylenes
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Textile Finishing (SIC 2231, 226x)	Finish Plants, Cotton (SIC 2261)	Acrylonitrile, Benzene, 1,4-Dichlorobenzene, Chromium, Dimethyl glutarate, Methyl acrylate, n-Propyl carbamate, Sodium chlorite, Sodium hydroxide, Toluene
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Textile Finishing (SIC 2231, 226x)	Finish Plants, Synthetic (SIC 2262)	Benzene, Copper, 1,4-Dioxane, Formaldehyde, Hydrazine, Methyl acrylate, Perchloroethylene, n-Propyl carbamate, Sodium chlorite, Xylenes
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Weaving Mills (SIC 221x-224x)	Cotton (SIC 2211)	Acrylic acid, Acrylonitrile, Benzene, 1,4-Dioxane, EDC, Toluene, Urea-formaldehyde
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Weaving Mills (SIC 221x-224x)	Synthetics (SIC 2221)	Acrylonitrile, Benzene, Chloroform, 1,4-Dioxane, EDC, Formaldehyde, Toluene diisocyanates, Mineral fibers, Mineral fibers (asbestos and related), Perchloroethylene, Styrene and copolymers
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Weaving Mills (SIC 221x-224x)	Wool (SIC 2231)	Benzene, 1,4-Dioxane, Formaldehyde, Perchloroethylene
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Woven Fabric Finishing (SIC 2231, 226x)		Benzofuran, 1,4-Dichlorobenzene
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Yarn & Thread Mills (SIC 228x)	Yarn Mills, not wool (SIC 2281)	Toluene diisocyanates
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Yarn & Thread Mills (SIC 228x)	Throwing & Winding (SIC 2282)	Ammonia, Toluene diisocyanates, Lead
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Yarn & Thread Mills (SIC 228x)	Wool Yarn Mills (SIC 2281)	Arsenic

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Misc Textile Goods (SIC 229x, 2231)	Coated Fabrics, not rubberized (SIC 2295)	Acrylic acid, Arsenic, Benzene, Benzofuran, Cresol, Ethyl acrylate, Formaldehyde, Hexafluoroacetone, Hydrogen chloride, Lead, Methyl acrylate, Pentachloronaphthalene, Perchloroethylene, Perfluoro and polyfluoro compounds, PFOS, Pyridine, Special-purpose fibers, Styrene and copolymers, Terephthalic acid, Tetrakis(hydroxymethyl)phosphonium salts, Toluene, Tris(2-methyl-1-aziridiny)phosphine oxide, Xylenes
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Misc Textile Goods (SIC 229x, 2231)	Cordage & Twine (SIC 2298)	Mineral fibers (asbestos and related), 1,1,1-TCA
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Misc Textile Goods (SIC 229x, 2231)	Felt goods (SIC 2231, 2299)	Arsenic, 1,1,1-TCA
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Misc Textile Goods (SIC 229x, 2231)	Paddings & Upholstery Filling (SIC 2299, 2392)	Benzene, Flame retardants, Mineral fibers (asbestos and related), PBBs, Triphenyl phosphate, Tetrakis(hydroxymethyl)phosphonium chloride, Trimellitic anhydride, Vinyl chloride
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Misc Textile Goods (SIC 229x, 2231)	Processes Textile Waste (SIC 2299)	Formaldehyde
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Misc Textile Goods (SIC 229x, 2231)	Tire Cord & Fabric (SIC 2296)	Ammonia, Benzene, Benzofuran, Formaldehyde, Mineral fibers (asbestos and related), Perchloroethylene, Terephthalic acid
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Cleaning - see Degreasing, Appendix C-I and Dry Cleaning, Appendix C-II		
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Combustion Processes - see Combustion, Appendix C-I		
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Dyeing - see Chemical Manufacturing and Dyeing of Textiles, Appendix C-II		
Textile Mill Products Manufacturing (SIC 22xx, 23xx)	Surface Coating/Solvent Use - see Solvent Use, Appendix C-I		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Tobacco Manufacturing (SIC 21xx)			Anthracene oil or paste, Environmental tobacco smoke, Ethylene, Ethylene glycol, Formaldehyde, Diethylene glycol, 7H-Dibenzo[c.g]carbazole, Methyl ethyl ketone, PAH/PAH-derivatives/POM from combustion
Tobacco Manufacturing (SIC 21xx)	Cigarette Manufacturing (SIC 2111)		Benzaldehyde, Benzene, Chloroform, Formaldehyde, Methylene chloride, 1-Methylnaphthalene, Methylnaphthalene (mixed), Perchloroethylene, Phthalic anhydride, delta-9-THC, Toluene
Tobacco Manufacturing (SIC 21xx)	Tobacco Stemming & Redrying (SIC 2141)		Benzene
Toy & Sporting Good Manufacturing (SIC 394x)			Flame retardants, Isocyanates, 2-Mercaptobenzothiazole
Toy & Sporting Good Manufacturing (SIC 394x)	Dolls (SIC 3942)		Acrylonitrile, Toluene
Toy & Sporting Good Manufacturing (SIC 394x)	Games, Toys, & Children's Vehicles (SIC 3944)		Triclosan, Ethylene, Nonylphenol ethoxylates, Phthalates, Styrene and copolymers, Acrylonitrile-butadiene-styrene copolymers, Toluene
Toy & Sporting Good Manufacturing (SIC 394x)	Sporting & Athletic Goods (SIC 3949)		Carbon nanotubes, Ethyl cyanoacrylate, Flame retardants, Manganese, Methyl cyanoacrylate, Methylene chloride, Perchloroethylene, Special-purpose fibers, Styrene and copolymers, Acrylonitrile-butadiene-styrene copolymers, Toluene, 1,1,1-TCA
Toy & Sporting Good Manufacturing (SIC 394x)	Combustion Processes - see Combustion, Appendix C-I		
Toy & Sporting Good Manufacturing (SIC 394x)	Degreasing/Surface Coating - see Solvent Use and Other Processes, Appendix C-I		
Toy & Sporting Good Manufacturing (SIC 394x)	Labeling/Packaging - see Printing and Paper Products, Appendix C-II		
Toy & Sporting Good Manufacturing (SIC 394x)	Also see Metal, Rubber, and Wood Products, Appendix C-II		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Train Manufacturing/Rpf - see Transportation Equipment, Appendix C-II			
Transfer, Storage, & Disposal Facilities (TSDFs) (SIC 4953)	Combustion Processes - see Combustion, Appendix C-I		
Transfer, Storage, & Disposal Facilities (TSDFs) (SIC 4953)	Other Processes - see Other Processes, Appendix C-I		
Transfer, Storage, & Disposal Facilities (TSDFs) (SIC 4953)	Solvent Recycling - see Solvent Use, Appendix C-I		
Transfer, Storage, & Disposal Facilities (TSDFs) (SIC 4953)	Storage - see Liquid Storage & Transfer, Appendix C-I		
Transportation Equipment Manufacturing/Repair (SIC 37xx, 75xx, 753x, 7699)			Acetaldehyde, Acrolein, Acrylonitrile, Allyl chloride, Aluminum, Ammonia, Arsenic, Barium, Benzene, Beryllium, Beryllium oxide, Bromine, 1,3-Butadiene, t-Butyl acetate, n-Butyl alcohol, sec-Butyl alcohol, Cadmium, Carbon black extracts, Carbon nanotubes, Carbon tetrachloride, Chlorine, Chloroform, Chromium, Chromium hexavalent, Barium chromate, Lead chromate, Strontium chromate, Copper, Cumene hydroperoxide, 1,2-Dichloropropane, Diesel engine PM, Di(2-ethylhexyl) phthalate, 7,12-Dimethylbenz[a]anthracene, 1,4-Dioxane, Epichlorohydrin, Epoxy resins, Ethyl benzene, Ethyl methacrylate, EDC, Flame retardants, Fluorides and compounds, Hydrogen fluoride, Fluorocarbons (Chlorinated), Formaldehyde, Gasoline vapors, Glycol ethers and their acetates, Hexane, Hydrazine, Hydrochloric acid, Hydrogen chloride, Isocyanates, Toluene diisocyanates, Isopropyl alcohol, Lead, Lead compounds (inorganic), Manganese, Mercury, Methanol, Methyl ethyl ketone, MIBK, Methyl methacrylate, Methylene chloride, 4,4'-Methylenedianiline (and dichloride), Asbestos, Nickel, Nitric acid, PAHs and PAH-related compounds, Naphthalene, Perchloroethylene, Phosphorus, Phosphoric acid, Phthalic anhydride, Silica (crystalline, respirable), Sodium hydroxide, Styrene, Thiourea, Toluene, 1,1,1-TCA, TCE, 1,2,4-Trimethylbenzene, Vinyl chloride, Xylenes, Zinc, Zinc oxide, All listed substances specified in Appendix A

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Auto and Truck Manufacturing (SIC 371x, 379x)		Arsenic, Arsenic pentoxide, Beryllium oxide, t-Butyl acetate, Cadmium succinate, ETBE, Isocyanates, Zinc
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Auto Repair/Auto Body Repair (SIC 753x, 7699, 371x)		Barium, t-Butyl acetate, tert-Butyl alcohol, ETBE, Isocyanates, Methyl ethyl ketone peroxide, N-Methylpyrrolidone, PCBTF, Special-purpose fibers
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Auto Repair/Auto Body Repair (SIC 753x, 7699, 371x)	General Auto Repair (SIC 7538)	Aluminum, Ammonia, Formaldehyde, Glycol ethers and their acetates, Methanol, Mineral fibers (asbestos and related), Acrylonitrile-butadiene-styrene copolymers, Tetraethylene glycol, Toluene, 1,1,1-TCA
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Auto Repair/Auto Body Repair (SIC 753x, 7699, 371x)	Tire Retreading & Repair (SIC 7534)	Cobalt octoate, Isoprene, Toluene
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Auto Repair/Auto Body Repair (SIC 753x, 7699, 371x)	Paint Shops (SIC 7532)	Aluminum oxide, Arsenic pentoxide, Benzene, Bis(2-chloroethyl) ether, t-Butyl acetate, Cadmium succinate, Cobalt octoate, Isocyanates, Manganese, PAHs and PAH-related compounds, Naphthalene, PCBTF, Toluene, TCE, Xylenes, Zinc, Zinc oxide
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Auto Repair/Auto Body Repair (SIC 753x, 7699, 371x)	Top & Body Repair Shops (SIC 7532)	t-Butyl acetate, Isocyanates, PAHs and PAH-related compounds, Naphthalene, Special-purpose fibers, Toluene
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Auto Repair/Auto Body Repair (SIC 753x, 7699, 371x)	Motor Vehicles & Car Bodies (SIC 3711, 7532, 7699)	Aluminum, Ammonia, Bromobenzene, t-Butyl acetate, Cadmium, Chromium, Formaldehyde, Hydrogen chloride, Isocyanates, Lead, Methylene chloride, PBBs, PCBTF, Phenol, Phthalates, Special-purpose fibers, Acrylonitrile-butadiene-styrene copolymers, Toluene, o-Xylene

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Auto Repair/Auto Body Repair (SIC 753x, 7699, 371x)	Motor Vehicle Parts & Accessories (SIC 3714)	Acrylic acid, Aluminum, Aluminum oxide, Ammonia, Benzene, Cadmium, Chlorine, Chloroform, Chromium, Copper, Decahydronaphthalene, Ethyl benzene, Ferrovandium dust, Flame retardants, Formaldehyde, Hydrogen chloride, Hydrogen sulfide, Toluene diisocyanates, Lead, Manganese, Methylene chloride, Mineral fibers (asbestos and related), PAHs and PAH-related compounds, Naphthalene, Palladium, Perchloroethylene, Platinum, Propylene oxide, Rhodium, Sodium azide, Toluene, 1,1,1-TCA, TCE, Trimellitic anhydride, o-Xylene, Zinc, Zinc oxide
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Auto Repair/Auto Body Repair (SIC 753x, 7699, 371x)	Truck, Camper, Trailer & Bus Bodies (SIC 7532, 7699)	Aluminum, t-Butyl acetate, Chromium, Methylene chloride, Nickel, Phthalates, Special-purpose fibers, Styrene and copolymers, Toluene
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Auto Parts Manufacturing (SIC 3714)		Arsenic, Bromobenzene, Isocyanates, 1,5-Naphthalene diisocyanate, Polychlorinated terphenyls
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Auto Parts Manufacturing (SIC 3714)	Brake lining Manufacturing	Mineral fibers (asbestos and related)
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Aircraft & Parts (SIC 372x)		Aluminum, Aluminum diethyl phosphinate, Ammonia, Bis(2-ethylhexyl) adipate, Bromoform, t-Butyl acetate, Chromium, Chromium hexavalent, Strontium chromate, Cobalt, Dibutyl phenyl phosphate, Hydrogen fluoride, Hydrogen chloride, Hydrogen sulfide, Isocyanates, Lead, Magnesium oxide, Methylene chloride, Nickel, Perchloroethylene, Tri-n-butyl phosphate, Polychlorinated terphenyls, Sodium azide, Styrene and copolymers, Toluene, 1,1,1-TCA, TCE, Uranium and compounds, Xylenes, Zinc, Zinc oxide
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Guided Missiles, Space Vehicles, & Parts (SIC 376x)		t-Butyl acetate, 1,1-Dimethylhydrazine, Isocyanates, Uranium and compounds

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Guided Missiles, Space Vehicles, & Parts (SIC 376x)	Guided Missiles & Space Vehicles (SIC 3761)	Beryllium oxide, Ferrocene, Formaldehyde, Hydrazine, Isocyanates, Perchloroethylene, Toluene, TCE, Xylenes
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Guided Missiles, Space Vehicles, & Parts (SIC 376x)	Space Propulsion Units & Parts (SIC 3764)	Carbon disulfide, Ferrocene, Hydrazine, Isocyanates, TCE
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Guided Missiles, Space Vehicles, & Parts (SIC 376x)	Space Vehicle Equipment (SIC 3769)	Ammonia, Ferrocene, Hydrazine, Hydrogen chloride, Isocyanates, Lead, Methylene chloride, Toluene
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Motorcycles, Bicycles & Parts (SIC 3751)		Decahydronaphthalene, Isocyanates, Toluene
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Railroad Equipment (SIC 3743)		Ammonia, Chromium, Hydrogen chloride, Isocyanates, Toluene diisocyanates, Methylene chloride, Nickel, Shale oils, Toluene, 1,1,1-TCA, Zinc
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Ship & Boat Building & Repair (SIC 373x)		Bromoform, Chromium hexavalent, Strontium chromate, Flame retardants, Hydrazine, Isocyanates, Methylene chloride, Mineral fibers (asbestos and related), PCBs, Phenol, Special-purpose fibers, Styrene and copolymers, TCE, Uranium and compounds
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Combustion Processes - see Combustion, Appendix C-I		
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Degreasing - see Solvent Use, Appendix C-I		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Metal Forming - see Machining and Metal Smelters, Appendix C-II		
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Military Transport - see Military, Appendix C-II		
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Paint Preparation - see Chemical Manufacturing, Appendix C-II		
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Research - see Research & Development, Appendix C-II		
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Space Transport - see Space Research & Technology, Appendix C-II		
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Storage & Handling - see Liquid Storage & Transfer, Appendix C-I		
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Surface Coating/Touch-up - see Solvent Use and Other Processes, Appendix C-I		
Transportation Equipment Manufacturing/Repair (SIC 37xx, 753x, 7699)	Upholstery Manufacturing - see Textile Mill Products Manufacturing, Appendix C-II		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Transportation Equipment Sales (SIC 501x, 5088, 55xx)			Isocyanates
Transportation Equipment Sales (SIC 501x, 5088, 55xx)	Boat Dealers (SIC 5551)		Toluene
Transportation Equipment Sales (SIC 501x, 5088, 55xx)	Used Car Dealers (SIC 5511, 5521)		Toluene
Transportation Ports/Stations (SIC 4491, 4581, 4785)	Airports & Flying Fields (SIC 4581)		Benzene, Dioxins, Glycol ethers and their acetates, Isocyanates, PAHs and PAH-related compounds, Polychlorinated dibenzofurans, POM, Radionuclides, Toluene
Transportation Ports/Stations (SIC 4491, 4581, 4785)	Inspection & Weighing (SIC 4785)		Benzene, Dioxins, PAHs and PAH-related compounds, Polychlorinated dibenzofurans, POM, Radionuclides, Toluene
Transportation Ports/Stations (SIC 4491, 4581, 4785)	Marine Cargo Handling (SIC 4491)		p-Aramid fibrils, Cadmium, EDC, Isocyanates, Toluene diisocyanates, Lead, Methylene chloride, Perchloroethylene, Toluene, 1,1,1-TCA, TCE, Xylenes
Transportation Ports/Stations (SIC 4491, 4581, 4785)	Combustion Processes - see Combustion, Appendix C-I		
Transportation Ports/Stations (SIC 4491, 4581, 4785)	Degreasing/Paint Stripping - see Solvent Use, Appendix C-I		
Transportation Ports/Stations (SIC 4491, 4581, 4785)	Electroplating - see Metal Plating, Appendix C-II		
Transportation Ports/Stations (SIC 4491, 4581, 4785)	Refueling - see Other Processes, Appendix C-I		
Truck Manufacturing - see Transportation Equipment, Appendix C-II			
Universities - see Colleges, Appendix C-II			

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Varnish Manufacturing - see Chemical Manufacturing, Appendix C-II			
Water Treatment - see Other Processes, Appendix C-I			
Wood Combustion - see Combustion, Appendix C-I			
Wood Preservation (SIC 2491)	Cellon Process, Chromated Copper Arsenate Process, Dricon Process, Diluent/Creosote Process, Miscellaneous	Gaseous and aerosol releases from: wood preserving agents	Arsenic, Arsenic acid, Arsenic pentoxide, Arsenic trioxide, Benzene, Bis(tributyltin) oxide, tert-Butyl alcohol, Chlorinated diphenyl oxide, 1,2,4-Trichlorobenzene, Chloroform, 2-Chloronaphthalene, Chlorophenols, 2,4-Dichlorophenol, Pentachlorophenol, 2,3,4,6-Tetrachlorophenol, 2,4,6-Trichlorophenol, Chlorothalonil, Chromium, Chromium hexavalent, Sodium dichromate, Copper, Creosotes, Cresols, Dibenzofuran, 2,4-Dinitrophenol, Dioxins, Hydrogen chloride, Mercuric chloride, 4-Nitrobiphenyl, PAHs and PAH-related compounds, Benzo[b]fluoranthene, Naphthalene, Pentachloronaphthalene, Permethrin, Phenol, 2-Phenylphenol, Polychlorinated dibenzofurans, Shale oils, Sodium fluoride, Tetrakis(hydroxymethyl)phosphonium sulfate, Toluene, Vinclozolin, Zinc, Zinc oxide
Wood Preservation (SIC 2491)	Oil/Penta Process	Vapor drying agents	Various solvents that are listed substances as specified in Appendix A (see also Appendix C-I, Solvent Use)
Wood Preservation (SIC 2491)	Oil/Penta Process	Preserving carriers	Various solvents that are listed substances as specified in Appendix A (see also Appendix C-I, Solvent Use)
Wood Preservation (SIC 2491)	Oil/Penta Process	Fire retardants	Flame retardants, Formaldehyde, Zinc chloride
Wood Preservation (SIC 2491)	Combustion Processes - see Combustion, Appendix C-I		
Wood Chemicals Manufacturing - see Chemical Manufacturing, Appendix C-II			

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Wood Products Manufacturing (SIC 24xx)			Arsenic trioxide, Bis(tributyltin) oxide, Pentachlorophenol, Flame retardants, Isocyanates
Wood Products Manufacturing (SIC 24xx)	Miscellaneous (SIC 24xx, 2499)		Cresols, Dioxins, Formaldehyde, Methyl chloride, Paraformaldehyde, Polychlorinated dibenzofurans, Sodium hydroxide, TCE, Uranium and compounds
Wood Products Manufacturing (SIC 24xx)	Fiberboard Manufacturing (SIC 2493)		Chloroform, Paraformaldehyde
Wood Products Manufacturing (SIC 24xx)	Lumber (SIC 242x)		Arsenic pentoxide, 2,4-Dichlorophenol, 2,3,4,6-Tetrachlorophenol, Cresols, Dioxins, Formaldehyde, Methyl chloride, Polychlorinated dibenzofurans, Toluene, TCE
Wood Products Manufacturing (SIC 24xx)	Millwork, Plywood, & Structural Members (SIC 243x)		Formaldehyde
Wood Products Manufacturing (SIC 24xx)	Millwork, Plywood, & Structural Members (SIC 243x)	Millwork (SIC 2431)	Carbon tetrachloride, Chlorophenols, Formaldehyde, Methylene chloride, Mineral fibers (asbestos and related), Toluene, Xylenes
Wood Products Manufacturing (SIC 24xx)	Millwork, Plywood, & Structural Members (SIC 243x)	Wood Kitchen Cabinets (SIC 2434)	Methylene chloride, PAHs and PAH-related compounds, Naphthalene, Styrene and copolymers, Toluene, 1,1,1-TCA, Xylenes
Wood Products Manufacturing (SIC 24xx)	Millwork, Plywood, & Structural Members (SIC 243x)	Hardwood Veneer/Plywood (SIC 2435)	Formaldehyde, Perchloroethylene
Wood Products Manufacturing (SIC 24xx)	Paper & Allied Products Manufacturing - see Paper & Allied Products Manufacturing, Appendix C-II		
Wood Products Manufacturing (SIC 24xx)	Plywood Manufacturing (SIC 2435, 2436)		Cresols, Dioxins, Paraformaldehyde, Polychlorinated dibenzofurans
Wood Products Manufacturing (SIC 24xx)	Presswood & Laminated Wood Products Manufacturing	Phenol-formaldehyde resins	Bis(2,3-epoxycyclopentyl) ether, Formaldehyde, Paraformaldehyde, Phenol, Urea-formaldehyde

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Wood Products Manufacturing (SIC 24xx)	Presswood & Laminated Wood Products Manufacturing	Melamine-formaldehyde resins	Bis(2,3-epoxycyclopentyl) ether, Formaldehyde, Paraformaldehyde, Urea-formaldehyde
Wood Products Manufacturing (SIC 24xx)	Presswood & Laminated Wood Products Manufacturing	Dispersion agent (during glue formulation)	Sodium hydroxide
Wood Products Manufacturing (SIC 24xx)	Presswood & Laminated Wood Products Manufacturing	Formaldehyde scavengers	Ammonia
Wood Products Manufacturing (SIC 24xx)	Sawmills & Planing Mills (SIC 242x)		Acetaldehyde, Formaldehyde, Lead, PAHs and PAH-related compounds, POM, Toluene
Wood Products Manufacturing (SIC 24xx)	Sawmills & Planing Mills (SIC 242x)	Hardwood Dimension & Flooring (SIC 2426)	Phthalates, Toluene
Wood Products Manufacturing (SIC 24xx)	Softwood Veneer Manufacturing (SIC 2436)		Cresols, Dioxins, Polychlorinated dibenzofurans
Wood Products Manufacturing (SIC 24xx)	Wood Containers (SIC 244x)		Toluene
Wood Products Manufacturing (SIC 24xx)	Wood Furniture Manufacturing (SIC 25xx)		Ammonia, Cadmium, Copper, Formaldehyde, Toluene diisocyanates, Lead, Methylene chloride, PAHs and PAH-related compounds, Naphthalene, Styrene and copolymers, Toluene, 1,1,1-TCA, TCE, Xylenes
Wood Products Manufacturing (SIC 24xx)	Wood Furniture Manufacturing (SIC 25xx)	Wood Finishing	Chromium, Ethylene glycol, Methylene chloride, Nonylphenol ethoxylates, 1,1,1-TCA
Wood Products Manufacturing (SIC 24xx)	Combustion Processes - see Combustion, Appendix C-I		
Wood Products Manufacturing (SIC 24xx)	Surface Coating - see Solvent Use and Other Processes, Appendix C-I		

**APPENDIX C-II
FURTHER RESPONSIBILITIES FOR SPECIFIC FACILITY CLASSES**

Industry/Emitting Process Level 1	Industry/Emitting Process Level 2	Industry/Emitting Process Level 3	Some Specific Substances – Gaseous, aerosol, and particulate releases including but not limited to (see Notes)
Wool Fabric Mills - see Textile Manufacturing			
All Other Industries	Gaseous releases from combustion, storage, handling, process vessels, etc		Feedstocks that contain listed substances (see Appendix A).
All Other Industries	Particulate and aerosol releases from combustion, storage, handling, process vessels, etc		Check all materials manufactured for components that are listed substances (see Appendix A).
All Other Industries	Process loss and fugitive releases anywhere along the process train		Check all materials manufactured for components that are listed substances (see Appendix A).