

TABLE 2 — LEVELS OF AIR CONTAMINANTS FOR
DETERMINING NEED FOR INCLUSION IN PERMIT
APPLICATIONS

Air Contaminant Name	Sources of Regulation (See Footnotes Below)	Chemical Abstract Service Number ¹	Inclusion Level (lbs/yr)
Acetaldehyde	2, 3	75-07-0	2,000
Acetamide	2	60-35-5	2,000.0
Acetic acid	3	64-19-7	1,825
Acetic anhydride	3	108-24-7	887
Acetonitrile	2, 3	75-05-8	2,000.0
Acetophenone	2	98-86-2	2,000.0
2-Acetylaminofluorene	2	53-96-3	2,000.0
Acrolein	2, 3	107-02-8	18.3
Acrylamide	2, 3	79-06-1	21.0
Acrylic acid	2, 3	79-10-7	2,000.0
Acrylonitrile	2, 3	107-13-1	2.5
Adriamycin	3	23214-92-8	Group B Pharmaceutical
Aflatoxins	3	1402-68-2	2.5
Aldrin	3, 6	309-00-2	18.3
Allyl alcohol	3	107-18-6	365.8
Allyl chloride	2, 3	107-05-1	218.6
Aluminum alkyls	3	7429-90-5*	145.1
Aluminum pyro powders	3	7429-90-5*	365.8
Aluminum soluble salts	3	7429-90-5*	145.1
2-Aminoanthraquinone	3	117-79-3	25.0
4-Aminobiphenyl	2, 3	92-67-1	2.5
Amitrole	3, 6	61-82-5	14.5
Ammonia	3	7664-41-7	1,314
Aniline	2, 3	62-53-3	729.5
Anisidine	2, 3	29191-52-4	25
o-Anisidine and o-anisidine hydrochloride	2, 3	90-04-0*	25.0
Antimony & compounds, as Sb	2, 3	7440-36-0*	35.7
ANTU	3, 6	86-88-4	21.0
Arsenic and inorganic compounds, as As	2, 3	7440-38-2*	2.5
Arsine	2, 3	7784-42-1	14.5
Asbestos, all forms	2, 3	1332-21-4*	2.5
Atrazine	3, 6	1912-24-9	365.8
Azathioprine	3	446-86-6	Group A Pharmaceutical
Azinphos-methyl	3, 6	86-50-0	14.5
Barium, soluble compounds, as Ba	3	7440-39-3*	35.7
Benomyl	3, 6	17804-35-2	729.5
Benz (a) anthracene	3	56-55-3	Polycyclic Organic Matter
Benzene	2, 3	71-43-2	30.0
Benzidine	2, 3	92-87-5	0.2
Benzo (b) fluoranthene	2, 3	205-99-2	Polycyclic Organic Matter

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Benzo (a) pyrene	3	50-32-8	Polycyclic Organic Matter
Benzotrichloride	2, 3	98-07-7	25.0
Benzoyl peroxide	3	94-36-0	365.8
Benzyl chloride	2, 3	100-44-7	365.8
Beryllium and beryllium compounds, as Be	2, 3	7440-41-7*	2.5
Biphenyl	2, 3	92-52-4	109.3
N,N-Bis (2-chloroethyl) -2-naphthylamine (Chloronaphazine)	3	494-03-1	Group A Pharmaceutical
Bischloroethyl nitrosourea	3	154-93-8	Group B Pharmaceutical
Bis (chloromethyl) ether (BCME) and technical grade	2, 3	542-88-1	0.01
Borates, tetra, sodium salts, decahydrate	3	1303-96-4*	365.8
Borates, tetra, sodium salts, pentahydrate	3	1303-96-4*	73.6
Boron tribromide	3	10294-33-4	444
Boron trifluoride	3	7637-07-2	132.5
Bromacil	3, 6	314-40-9	729.5
Bromine	3	7726-95-6	50.5
Bromine pentafluoride	3	7789-30-2	50.5
Bromoform	2	75-25-2	2,000.0
1,3-Butadiene	2, 3	106-99-0	2,000.0
1,4-Butanediol dimethanesulphonate (Myleran)	3	55-98-1	Group A Pharmaceutical
2-Butoxyethanol (EGBE)	3	111-76-2	2,000.0
n-Butyl acrylate	3	141-32-2	2,000.0
n-Butyl alcohol	3	71-36-3	2,000.0
n-Butylamine	3	109-73-9	666.46
tert-Butyl chromate, as Cr	2, 3	1189-85-1	0.01
n-Butyl glycidyl ether (BGE)	3	2426-08-6	2,000.0
n-Butyl lactate	3	138-22-7	1,824.9
o-sec-Butylphenol	3	89-72-5	2,000.0
p-tert-Butyltoluene	3	98-51-1	2,000.0
Cadmium and cadmium compounds, as Cd	2, 3	7440-43-9*	2.5
Calcium cyanamide	2, 3	156-62-7	35.7
Calcium hydroxide	3	1305-62-0	365.8
Calcium oxide	3	1305-78-8	145.1
Camphor (synthetic)	3	76-22-2	874.6
Caprolactam vapor	2, 3	105-60-2	1,459.1
Captafol	3, 6	2425-06-1	7.4
Captan	2, 3, 6	133-06-2	365.8
Carbaryl	2, 3, 6	63-25-2	365.8
Carbofuran	3, 6	1563-66-2	7.4
Carbon black	3	1333-86-4	254.4
Carbon disulfide	2, 3	75-15-0	2,000.0
Carbon monoxide	1	630-08-0	2,000.0

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Carbon tetrabromide	3	558-13-4	103.0
Carbon tetrachloride	2, 3, 5	56-23-5	2.5
Carbonyl fluoride	3	353-50-4	365.8
Carbonyl sulfide	2	463-58-1	2,000.0
Catechol (Pyrocatechol)	2, 3	120-80-9	1,459
Cesium hydroxide	3	21351-79-1	145
Chloramben	2	133-90-4	2,000.0
Chlorambucil	3	305-03-3	Group A Pharmaceutical
Chlordane	2, 3, 6	57-74-9	35.7
Chlorinated camphene	2, 3, 6	8001-35-2	35.7
Chlorinated dioxins and furans (total equivalents)	4	*	0.00001
Chlorinated diphenyl oxide	3	55720-99-5	35.7
Chlorine	2, 3	7782-50-5	218.6
Chlorine dioxide	3	10049-04-4	21.0
Chlorine trifluoride	3	7790-91-2	17.7
Chloroacetic acid	2	79-11-8	2,000.0
2-Chloroacetophenone	2	532-27-4	2,000.0
Chlorobenzene (Monochlorobenzene)	2, 3	108-90-7	2,000.0
Chlorobenzilate	2	510-15-6	2,000.0
1- (2-Chloroethyl) -3-cyclohexyl-1-nitrosourea (CCNU)	3	13010-47-4	Group B Pharmaceutical
Chlorofluorocarbon-11 (CFC-11, R-11)	5	75-69-4	2,000.0
Chlorofluorocarbon-12 (CFC-12, R-12)	5	75-71-8	2,000.0
Chlorofluorocarbon-13 (CFC-13, R-13)	5	75-72-9	2,000.0
Chlorofluorocarbon-111 (CFC-111)	5	954-56-3	2,000.0
Chlorofluorocarbon-112 (CFC-112)	5	76-12-0	2,000.0
Chlorofluorocarbon-113 (CFC-113)	5	76-13-1	2,000.0
Chlorofluorocarbon-114 (CFC-114, R-114)	5	76-14-2	2,000.0
Chlorofluorocarbon-115 (CFC-115, R-115)	5	76-15-3	2,000.0
Chlorofluorocarbon-211 (CFC-211, R-211)	5	422-78-6	2,000.0
Chlorofluorocarbon-212 (CFC-212, R-212)	5	3182-26-1	2,000.0
Chlorofluorocarbon-213 (CFC-213, R-213)	5	2354-06-5	2,000.0
Chlorofluorocarbon-214 (CFC-214, R-214)	5	29255-31-0	2,000.0
Chlorofluorocarbon-215 (CFC-215, R-215)	5	4259-43-2	2,000.0
Chlorofluorocarbon-216 (CFC-216, R-216)	5	661-97-2	2,000.0
Chlorofluorocarbon-217 (CFC-217, R-217)	5	422-86-6	2,000.0
Chloroform	2, 3	67-66-3	25.0
Chloromethyl methyl ether (CMME)	2, 3	107-30-2	0.01
1-Chloro-1-nitropropane	3, 6	600-25-9	729.5
Chloropicrin (Trichloronitromethane)	3, 6	76-06-2	50.5

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Air Contaminant Name	Sources of Regulation (See Footnotes Below)	Chemical Abstract Service Number ⁷	Inclusion Level (lbs/yr)
beta-Chloroprene	2, 3	126-99-8	2,000.0
o-Chlorostyrene	3	2039-87-4	2,000.0
o-Chlorotoluene	3	95-49-8	2,000.0
Chlorpyrifos	3, 6	2921-88-2	14.5
Chromium (II) compounds, as Cr	2, 3	7440-47-3*	35.7
Chromium (III) compounds, as Cr	2, 3	7440-47-3*	35.7
Chromium (VI) compounds, as Cr, water soluble	2, 3	7440-47-3*	3.6
Chromium (VI) compounds, as Cr, water insoluble	2, 3	7440-47-3*	0.2
Chromium (metal)	2, 3	7440-47-3	35.7
Chromyl chloride, as Cr	2, 3	14977-61-8	0.01
Cobalt, as Co, metal, dust	2, 3	7440-48-4	3.6
Coke oven emissions	2, 3	*	2.5
Copper, dust & mists, as Cu	3	7440-50-8	73.6
p-Cresidine	3	120-71-8	25.0
Cresol, all isomers	2, 3	1319-77-3	1,604
m-Cresol	2	108-39-4	2,000.0
o-Cresol	2	95-48-7	2,000.0
p-Cresol	2	106-44-5	2,000.0
Crotonaldehyde	3	123-73-9*	588.7
Cruformate	3, 6	299-86-5	365.8
Cumene	2, 3	98-82-8	2,000.0
Cyanamide	3	420-04-2	145.1
Cyanides, (inorganics), as CN	2, 3	143-33-9*	365.8
Cyanogen	3	460-19-5	1,459.1
Cyanogen chloride	3	506-77-4	27.3
Cyclohexanol	3	108-93-0	2,000.0
Cyclohexanone	3	108-94-1	2,000.0
Cyclohexylamine	3	108-91-8	2,000.0
Cyclopentadiene	3	542-92-7	2,000.0
Cyclophosphamide	3	50-18-0	Group A Pharmaceutical
Cyhexatin	3, 6	13121-70-5	365.8
2,4-D, salts and esters	2	94-75-7	2,000.0
DDE	2	3547-04-4	2,000.0
Dacarbazine	3	4342-03-4	Group B Pharmaceutical
Demeton	3, 6	8065-48-3	7.4
Diacetone alcohol	3	123-42-2	2,000.0
2,4-Diaminoanisole sulfate	3	39156-41-7	25.0
2,4-Diaminotoluene	2, 3	95-80-7*	25.0
Diazinon	3, 6	333-41-5	7.4
Diazomethane	2, 3	334-88-3	29.4
Dibenz (a,h) acridine	2, 3	226-36-8	Polycyclic Organic Matter
Dibenz (a,j) acridine	2, 3	224-42-0	Polycyclic Organic Matter

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Dibenz (a,h) anthracene	2, 3	53-70-3	Polycyclic Organic Matter
7H-Dibenzo (c,g) carbazole	2, 3	194-59-2	Polycyclic Organic Matter
Dibenzofurans	2	132-64-9	2,000.0
Dibenzo (a,h) pyrene	2, 3	189-64-0	Polycyclic Organic Matter
Dibenzo (a,i) pyrene	2, 3	189-55-9	Polycyclic Organic Matter
Diborane	3	19287-45-7	7.4
1,2-Dibromo-3-chloropropane (DBCP)	2, 3	96-12-8	25.0
1,2-Dibromoethane (EDB)	2, 3	106-93-4	25.0
2-N-Dibutylaminoethanol	3	102-81-8	1,022
Dibutyl phthalate	2, 3, 6	84-74-2	365.8
o-Dichlorobenzene	3	95-50-1	2,000.0
p-Dichlorobenzene	2, 3	106-46-7	2,000
3,3'-Dichlorobenzidine	2, 3	91-94-1	25.0
1,3-Dichloro-5,5-dimethyl hydantoin	3	118-52-5	14.5
1,1-Dichloroethane	2, 3	75-34-3	2,000.0
1,2-Dichloroethane (EDC)	2, 3	107-06-2	2.5
1,2-Dichloroethylene	3	540-59-0	2,000.0
Dichloroethyl ether	2, 3	111-44-4	2,000.0
1,1-Dichloro-1-nitroethane	3	594-72-9	729.5
Dichloropropene	2, 3, 6	542-75-6	365.8
2,2-Dichloropropionic acid	3, 6	75-99-0	437.3
Dichlorvos	2, 3, 6	62-73-7	73.6
Dicrotophos	3, 6	141-66-2	18.3
Dicyclopentadiene	3	77-73-6	2,000.0
Dieldrin	3, 6	60-57-1	18.3
Diethanolamine	2, 3	111-42-2	1,095
Diethylamine	3	109-89-7	2,000.0
2-Diethylaminoethanol	3	100-37-8	2,000.0
Diethylene triamine	3	111-40-0	292.2
Di (2-ethylhexyl) phthalate (DEHP)	2, 3	117-81-7	25.0
Diethyl phthalate	3	84-66-2	365.8
Diethyl sulfate	2, 3	64-67-5	2.5
Diethylstilbestrol (DES)	3	56-53-1	Group A Pharmaceutical
Diglycidyl ether (DGE)	3	2238-07-5	35.7
Diisobutyl ketone	3	108-83-8	2,000.0
Diisopropylamine	3	108-18-9	1,459
3,3'-Dimethoxybenzidine (o-Di-anisidine)	2, 3	119-90-4	25.0
Dimethyl acetamide	3	127-19-5	2,000.0
Dimethylamine	3	124-40-3	1,314
4-Dimethylaminoazobenzene	2, 3	60-11-7	25.0
Dimethylaniline (N,N-Dimethylaniline)	2, 3	121-69-7	1,825
3,3'-Dimethylbenzidine (o-Tolidine)	2, 3	119-93-7	25.0
Dimethyl carbamoyl chloride	2, 3	79-44-7	25.0

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Air Contaminant Name	Sources of Regulation (See Footnotes Below)	Chemical Abstract Service Number ⁷	Inclusion Level (lbs/yr)
N,N-Dimethylformamide	2, 3	68-12-2	2,000.0
1,1-Dimethylhydrazine	2, 3	57-14-7	25.0
Dimethylphthalate	2, 3	131-11-3	365.8
Dimethyl sulfate	2, 3	77-78-1	2.5
Dinitrobenzene, all isomers	3	528-29-0*	73.6
Dinitro-o-cresol	2, 3, 6	534-52-1	14.5
2,4-Dinitrophenol	2	51-28-5	2,000.0
Dinitrotoluene	2, 3	25321-14-6*	109.3
1,4-Dioxane	2, 3	123-91-1	25.0
Dioxathion	3, 6	78-34-2	14.5
Diquat	3, 6	85-00-7*	35.7
Disulfoton	3, 6	298-04-4	7.4
Divinyl benzene	3	1321-74-0*	2,000.0
Endosulfan	3, 6	115-29-7	7.4
Endrin	3, 6	72-20-8	7.4
Epichlorohydrin	2, 3	106-89-8	30.0
EPN	3, 6	2104-64-5	35.7
1,2-Epoxybutane (1,2-Butylene oxide)	2	106-88-7	2,000.0
Ethanolamine	3	141-43-5	584.5
Ethion	3, 6	563-12-2	29.4
2-Ethoxyethanol (EGEE)	3	110-80-5	655.9
2-Ethoxyethyl acetate (EGEEA)	3	111-15-9	1,969.9
Ethyl acrylate	2, 3	140-88-5	1,459.1
Ethylamine (Ethanamine)	3	75-04-7	1,314.0
Ethyl amyl ketone	3	541-85-5	2,000.0
Ethyl benzene	2, 3	100-41-4	2,000.0
Ethyl butyl ketone	3	106-35-4	2,000.0
Ethyl chloride (Chloroethane)	2	75-00-3	2,000.0
Ethylene chlorohydrin	3	107-07-3	132.5
Ethylenediamine	3	107-15-3	1,824.9
Ethylene glycol vapor	2, 3	107-21-1	2,000.0
Ethylene oxide	2, 3	75-21-8	2.5
Ethylene thiourea	2, 3	96-45-7	25.0
Ethylenimine	2, 3	151-56-4	73.6
Ethylidene norbornene	3	16219-75-3	1,110.1
N-Ethylmorpholine	3	100-74-3	1,677.7
Ethyl silicate	3	78-10-4	2,000.0
Fensulfothion	3, 6	115-90-2	7.4
Fenthion	3, 6	55-38-9	14.5
Fine mineral fibers (includes mineral fiber emissions from facilities manufacturing or processing glass, rock, or slag fibers (or other mineral derived fibers) of average diameter 1 micrometer or less)	2	*	2,000.0
Fluorides, (inorganics), as F	3	*	182.9
Fluorine	3	7782-41-4	145.1
Fonofos	3, 6	944-22-9	7.4
Formaldehyde	2, 3	50-00-0	25.0

Air Contaminant Name	Sources of Regulation (See Footnotes Below)	Chemical Abstract Service Number ⁷	Inclusion Level (lbs/yr)
Furfural	3	98-01-1	584.5
Furfuryl alcohol	3	98-00-0	2,000.0
Germanium tetrahydride	3	7782-65-2	44.2
Glycidol	3	556-52-5	2,000.0
Glycol ethers ⁸	2	*	2,000.0
Group A Pharmaceuticals (a total of all air contaminants listed as Group A Pharmaceuticals)	3	*	2.5**
Group B Pharmaceuticals (a total of all air contaminants listed as Group B Pharmaceuticals)	3	*	25**
Halon-1211	5	353-59-3	2,000.0
Halon-1301	5	75-63-8	2,000.0
Halon-2402	5	124-73-2	2,000.0
Heptachlor	2, 3, 6	76-44-8	35.7
Hexachlorobenzene (HCB)	2, 3	118-74-1	2.5
Hexachlorobutadiene	2, 3, 6	87-68-3	9.2
Hexachlorocyclopentadiene	2, 3, 6	77-47-4	7.4
Hexachloroethane	2	67-72-1	2,000.0
Hexachloronaphthalene	3	1335-87-1	14.5
Hexamethylene-1,6-diisocyanate	2	822-06-0	2,000.0
Hexamethyl phosphoramide	2, 3	680-31-9	25.0
n-Hexane	2, 3	110-54-3	2,000.0
sec-Hexyl acetate	3	108-84-9	2,000.0
Hexylene glycol	3	107-41-5	2,000.0
Hydrazine and hydrazine sulfate	2, 3	302-01-2*	25.0
Hydrazobenzene	2, 3	122-66-7	25.0
Hydrochlorofluorocarbon-21 (HCFC-21)	5	75-43-4	2,000.0
Hydrochlorofluorocarbon-22 (HCFC-22, R-22)	5	75-45-6	2,000.0
Hydrochlorofluorocarbon-31 (HCFC-31)	5	593-70-4	2,000.0
Hydrochlorofluorocarbon-121 (HCFC-121)	5	*	2,000.0
Hydrochlorofluorocarbon-122 (HCFC-122)	5	*	2,000.0
Hydrochlorofluorocarbon-123 (HCFC-123, R-123)	5	306-83-2*	2,000.0
Hydrochlorofluorocarbon-124 (HCFC-124, R-124)	5	63938-10-3*	2,000.0
Hydrochlorofluorocarbon-131 (HCFC-131)	5	*	2,000.0
Hydrochlorofluorocarbon-132b (HCFC-132b)	5	1649-08-7	2,000.0
Hydrochlorofluorocarbon-133a (HCFC-133a)	5	75-88-7	2,000.0
Hydrochlorofluorocarbon-141b (HCFC-141b, R-141b)	5	1717-00-6	2,000.0
Hydrochlorofluorocarbon-142b (HCFC-142b, R-142b)	5	75-68-3	2,000.0
Hydrochlorofluorocarbon-221 (HCFC-221)	5	*	2,000.0

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Hydrochlorofluorocarbon-222 (HCFC-222)	5	*	2,000.0
Hydrochlorofluorocarbon-223 (HCFC-223)	5	*	2,000.0
Hydrochlorofluorocarbon-224 (HCFC-224)	5	*	2,000.0
Hydrochlorofluorocarbon-225ca (HCFC-225ca)	5	422-56-0	2,000.0
Hydrochlorofluorocarbon-225cb (HCFC-225cb)	5	507-55-1	2,000.0
Hydrochlorofluorocarbon-226 (HCFC-226)	5	*	2,000.0
Hydrochlorofluorocarbon-231 (HCFC-231)	5	*	2,000.0
Hydrochlorofluorocarbon-232 (HCFC-232)	5	*	2,000.0
Hydrochlorofluorocarbon-233 (HCFC-233)	5	*	2,000.0
Hydrochlorofluorocarbon-234 (HCFC-234)	5	*	2,000.0
Hydrochlorofluorocarbon-235 (HCFC-235)	5	*	2,000.0
Hydrochlorofluorocarbon-241 (HCFC-241)	5	*	2,000.0
Hydrochlorofluorocarbon-242 (HCFC-242)	5	*	2,000.0
Hydrochlorofluorocarbon-243 (HCFC-243)	5	*	2,000.0
Hydrochlorofluorocarbon-244 (HCFC-244)	5	*	2,000.0
Hydrochlorofluorocarbon-251 (HCFC-251)	5	*	2,000.0
Hydrochlorofluorocarbon-252 (HCFC-252)	5	*	2,000.0
Hydrochlorofluorocarbon-253 (HCFC-253)	5	*	2,000.0
Hydrochlorofluorocarbon-261 (HCFC-261)	5	*	2,000.0
Hydrochlorofluorocarbon-262 (HCFC-262)	5	*	2,000.0
Hydrochlorofluorocarbon-271 (HCFC-271)	5	*	2,000.0
Hydrogenated terphenyls	3	61788-32-7	365.8
Hydrogen bromide	3	10035-10-6	443.6
Hydrogen chloride	2, 3, 4	7647-01-0	311.2
Hydrogen cyanide	2, 3	74-90-8	443.6
Hydrogen fluoride	2, 3	7664-39-3	111.4
Hydrogen peroxide	3	7722-84-1	109.3
Hydrogen sulfide	3	7783-06-4	1,021.8
Hydroquinone	2, 3	123-31-9	145.1
2-Hydroxypropyl acrylate	3	999-61-1	218.6
Indeno (1,2,3-cd) pyrene	2, 3	193-39-5	Polycyclic Organic Matter
Indium	3	7440-74-6	7.4

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Iodine	3	7553-56-2	44.2
Iron dextran complex	3	9004-66-4	Group B Pharmaceutical
Iron salts, soluble, as Fe	3	*	73.6
Isobutyl alcohol	3	78-83-1	2,000.0
Isooctyl alcohol	3	26952-21-6	2,000.0
Isophorone	2, 3	78-59-1	1,110.1
Isophorone diisocyanate	3	4098-71-9	6.5
Isopropoxyethanol	3	109-59-1	2,000.0
Isopropylamine	3	75-31-0	874.6
N-Isopropylaniline	3	768-52-5	729.5
Isopropyl glycidyl ether	3	4016-14-2	2,000.0
Ketene	3	463-51-4	65.2
Lead compounds	2	7439-92-1*	2,000.0
Lindane and other hexachlorocyclohexane isomers	2, 3	58-89-9*	2.5
Maleic anhydride	2, 3	108-31-6	73.6
Manganese, as Mn, dust and compounds	2, 3	7439-96-5*	222.9
Melphalan	3	148-82-3	Group A Pharmaceutical
Mercury alkyl compounds, as Hg	2, 3	7439-97-6*	0.7
Mercury, all forms except alkyl, vapor, as Hg	2, 3	7439-97-6*	3.6
Mercury aryl & inorganic compounds, as Hg	2, 3	7439-97-6*	7.4
Mesityl oxide	3	141-79-7	2,000.0
Mestranol	3	72-33-3	Group B Pharmaceutical
Methacrylic acid	3	79-41-4	2,000.0
Methanol	2	67-56-1	2,000.0
Methomyl	3, 6	16752-77-5	182.9
Methoxychlor	2	72-43-5	2,000.0
2-Methoxyethanol (EGME)	3	109-86-4	1,166.8
2-Methoxyethyl acetate (EGMEA)	3	110-49-6	1,751.3
4-Methoxyphenol	3	150-76-5	365.8
Methyl acrylate	3	96-33-3	2,000.0
Methylacrylonitrile	3	126-98-7	218.6
Methylamine	3	74-89-5	874.6
Methyl n-amyl ketone	3	110-43-0	2,000.0
N-Methyl aniline	3	100-61-8	145.1
Methyl bromide	2, 3, 6	74-83-9	1,459.1
Methyl n-butyl ketone	3	591-78-6	1,459.1
Methyl chloride	2, 3	74-87-3	2,000.0
Methyl chloroform (1,1,1-Trichloroethane)	2	71-55-6	2,000.0
Methyl 2-cyanoacrylate	3	137-05-3	584.5
Methylcyclohexanol	3	25639-42-3	2,000.0
o-Methylcyclohexanone	3	583-60-8	2,000.0
Methyl demeton	3, 6	8022-00-2	35.7

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DEPARTMENT OF NATURAL RESOURCES

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Air Contaminant Name	Sources of Regulation (See Footnotes Below)	Chemical Abstract Service Number ⁷	Inclusion Level (lbs/yr)
4,4'-Methylene bis (2-chloroaniline) (MOCA)	2, 3	101-14-4	25.0
Methylene bis (4-cyclohexylisocyanate)	3	5124-30-1	3.9
Methylene bisphenyl isocyanate (MDI)	2, 3	101-68-8	8.8
Methylene chloride	2, 3	75-09-2	2,000.0
4,4'-Methylenedianiline (and dihydrochloride)	2, 3	101-77-9*	25.0
Methyl ethyl ketone (2-Butanone) (MEK)	2	78-93-3	2,000.0
Methyl ethyl ketone peroxide	3	1338-23-4	67.3
Methyl formate	3	107-31-3	2,000.0
Methyl hydrazine	2, 3	60-34-4	67.3
Methyl iodide	2, 3	74-88-4	25.0
Methyl isoamyl ketone	3	110-12-3	2,000.0
Methyl isobutyl carbinol	3	108-11-2	2,000.0
Methyl isobutyl ketone	2, 3	108-10-1	2,000.0
Methyl isocyanate	2, 3	624-83-9	3.6
Methyl methacrylate	2, 3	80-62-6	2,000.0
Methyl parathion	3, 6	298-00-0	14.5
alpha-Methyl styrene	3	98-83-9	2,000.0
Methyl tert-butyl ether	2	1634-04-4	2,000.0
Mevinphos (Phosdrin)	3, 6	7786-34-7	7.4
Molybdenum, as Mo, soluble compounds	3	7439-98-7*	365.8
Monocrotophos	3, 6	6923-22-4	18.3
Morpholine	3	110-91-8	2,000.0
Mustard gas	3	505-60-2	Group A Pharmaceutical
Naled	3, 6	300-76-5	218.6
Naphthalene	2, 3	91-20-3	2,000.0
2-Naphthylamine	3	91-59-8	2.5
Nickel compounds other than nickel subsulfide, as Ni	2, 3	7440-02-0*	25.0
Nickel subsulfide	2, 3	12035-72-2	2.5
Nitric acid	3	7697-37-2	365.8
p-Nitroaniline	3	100-01-6	218.6
Nitrobenzene	2, 3	98-95-3	365.8
4-Nitrobiphenyl	2	92-93-3	2,000.0
p-Nitrochlorobenzene	3	100-00-5	46.6
Nitroethane	3	79-24-3	2,000.0
Nitrogen mustards (2,2'-Dichloro-N-methyldiethylamine)	3	51-75-2	Group B Pharmaceutical
Nitrogen oxides	1, 4	*	2,000.0
Nitromethane	3	75-52-5	2,000.0
4-Nitrophenol	2	100-02-7	2,000.0
2-Nitropropane	2, 3	79-46-9	25.0
Nitrosoamines (a total of all air contaminants listed as Nitrosoamines)	3	*	25**
N-Nitrosodi-n-butylamine	3	924-16-3	Nitrosoamine
N-Nitrosodiethanolamine	3	1116-54-7	Nitrosoamine

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Air Contaminant Name	Sources of Regulation (See Footnotes Below)	Chemical Abstract Service Number ⁷	Inclusion Level (lbs/yr)
N-Nitrosodiethylamine	3	55-18-5	Nitrosoamine
N-Nitrosodimethylamine	2, 3	62-75-9	Nitrosoamine
p-Nitrosodiphenylamine	3	156-10-5	Nitrosoamine
N-Nitrosodi-n-propylamine	3	621-64-7	Nitrosoamine
N-Nitroso-N-ethylurea	3	759-73-9	Nitrosoamine
N-Nitroso-N-methylurea	2, 3	684-93-5	Nitrosoamine
N-Nitrosomethylvinylamine	3	4549-40-0	Nitrosoamine
N-Nitrosomorpholine	2, 3	59-89-2	Nitrosoamine
N'-Nitrosornicotine	3	16543-55-8	Nitrosoamine
N-Nitrosopiperidine	3	100-75-4	Nitrosoamine
N-Nitrosopyrrolidine	3	930-55-2	Nitrosoamine
N-Nitrososarcosine	3	13256-22-9	Nitrosoamine
Nitrotoluene, all isomers	3	99-08-1*	803.1
Octachloronaphthalene	3	2234-13-1	7.4
Oestradiol	3	50-28-2	Group B Pharmaceutical
Oxalic acid	3	144-62-7	73.6
Oxymetholone	3	434-07-1	Group B Pharmaceutical
Paraquat (respirable sizes)	3, 6	1910-42-5*	7.4
Parathion	2, 3, 6	56-38-2	7.4
Particulate matter	4	*	2,000.0
PM10	1, 4	*	2,000.0
Pentachloronaphthalene	3	1321-64-8	35.7
Pentachloronitrobenzene (Quintobenzene) (PCNB)	2	82-68-8	2,000.0
Pentachlorophenol	2, 3	87-86-5	35.7
Perchloroethylene	2, 3	127-18-4	2,000.0
Perchloromethyl mercaptan	3	594-42-3	58.9
Phenazopyridine and phenazopyridine hydrochloride	3	136-40-3*	Group B Pharmaceutical
Phenol	2, 3	108-95-2	1,385
Phenothiazine	3, 6	92-84-2	365.8
p-Phenylenediamine	2, 3	106-50-3	7.4
Phenyl ether vapor	3	101-84-8	510.9
Phenyl glycidyl ether (PGE)	3	122-60-1	437.3
Phenylhydrazine	3	100-63-0	766.1
Phenyl mercaptan	3	108-98-5	145.1
Phenytoin and sodium salt of phenytoin	3	57-41-0*	Group B Pharmaceutical
Phorate	3, 6	298-02-2	3.6
Phosgene	2, 3	75-44-5	29.4
Phosphine	2, 3	7803-51-2	29.4
Phosphoric acid	3	7664-38-2	73.6
Phosphorus (yellow)	2, 3	7723-14-0	7.4
Phosphorus oxychloride	3	10025-87-3	44.2
Phosphorus pentachloride	3	10026-13-8	73.6
Phosphorus pentasulfide	3	1314-80-3	73.6
Phosphorus trichloride	3	7719-12-2	109.3

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NR 407

Air Contaminant Name	Sources of Regulation (See Footnotes Below)	Chemical Abstract Service Number ⁷	Inclusion Level (lbs/yr)
Phthalic anhydride	2, 3	85-44-9	437.3
Pindone	3, 6	83-26-1	7.4
Platinum (metal)	3	7440-06-4	73.6
Platinum, soluble salts, as Pt	3	7440-06-4*	0.15
Polychlorinated biphenyls (PCB)	2, 3	1336-36-3	0.01
Polycyclic Organic Matter (a total of all air contaminants listed as Polycyclic Organic Matter)	2, 3	*	25**
Potassium hydroxide	3	1310-58-3	88.3
Procarbazine and procarbazine hydrochloride	3	366-70-1*	Group B Pharmaceutical
1,3-Propane sultone	2, 3	1120-71-4	25.0
Propargyl alcohol	3	107-19-7	145.1
beta-Propiolactone	2, 3	57-57-8	25.0
Propionaldehyde	2	123-38-6	2,000.0
Propoxur	2, 3, 6	114-26-1	35.7
Propylene dichloride	2, 3	78-87-5	2,000.0
Propylene oxide	2, 3	75-56-9	25.0
Propylenimine	2, 3	75-55-8	25.0
Propylthiouracil	3	51-52-5	Group B Pharmaceutical
Pyrethrum	3, 6	8003-34-7	365.8
Pyridine	3	110-86-1	1,095.4
Quinoline	2	91-22-5	2,000.0
Quinone	2, 3, 6	106-51-4	29.4
Reserpine	3	50-55-5	Group B Pharmaceutical
Resorcinol	3	108-46-3	2,000.0
Rhodium (metal)	3	7440-16-6	73.6
Rhodium, soluble compounds, as Rh	3	7440-16-6*	0.74
Rotenone (commercial)	3, 6	83-79-4	365.8
Selenium and compounds, as Se	2, 3	7782-49-2*	14.5
Silicon tetrahydride (Silane)	3	7803-62-5	510.9
Sodium bisulfite	3	7631-90-5	365.8
Sodium fluoroacetate	3, 6	62-74-8	3.6
Sodium hydroxide	3	1310-73-2	88.3
Stibine (Antimony hydride)	3, 6	7803-52-3	35.7
Stoddard solvent (Mineral spirits)	3	8052-41-3	2,000.0
Streptozotocin	3	18883-66-4	Group B Pharmaceutical
Strychnine	3, 6	57-24-9	10.9
Styrene, monomer	2, 3	100-42-5	2,000.0
Styrene oxide	2	96-09-3	2,000.0
Sulfotep (TEDP)	3, 6	3689-24-5	14.5
Sulfur dioxide	1, 4	7446-09-5	2,000.0
Sulfuric acid	3	7664-93-9	73.6
Sulfur monochloride	3	10025-67-9	267.0
Sulfur tetrafluoride	3	7783-60-0	17.7
Sulfuryl fluoride	3, 6	2699-79-8	1459.1

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Air Contaminant Name	Sources of Regulation (See Footnotes Below)	Chemical Abstract Service Number ⁷	Inclusion Level (lbs/yr)
Tellurium and compounds, as Te	3	13494-80-9*	7.4
TEPP	3, 6	107-49-3	3.6
Terphenyls	3	26140-60-3	222.9
2,3,7,8-Tetrachlorodibenzo-p-dioxin	2, 3	1746-01-6	0.00001
1,1,2,2-Tetrachloroethane	2, 3	79-34-5	510.9
Tetrachloronaphthalene	3	1335-88-2	145.1
Tetrahydrofuran	3	109-99-9	2,000.0
Thallium, soluble compounds, as Tl	3	7440-28-0*	7.4
Thionyl chloride	3	7719-09-7	222.9
Thiourea	3	62-56-6	25.0
Thiram	3, 6	137-26-8	365.8
Tin (metal)	3	7440-31-5	145.1
Tin organic compounds, as Sn	3	7440-31-5*	7.4
Tin oxide & inorganic compounds, except SnH ₄ , as Sn	3	7440-31-5*	145.1
Titanium tetrachloride	2	7550-45-0	2,000.0
Toluene (Toluol)	2, 3	108-88-3	2,000.0
Toluene-2,4-diisocyanate (TDI)	2, 3	584-84-9	2.9
m-Toluidine	3	108-44-1	656
o-Toluidine	2, 3	95-53-4	2.5
Total reduced sulfur and reduced sulfur compounds	2	*	2,000.0
Tributyl phosphate	3	126-73-8	182.9
1,2,4-Trichlorobenzene	2, 3	120-82-1	1,774.4
1,1,2-Trichloroethane	2, 3	79-00-5	2,000.0
Trichloroethylene	2, 3	79-01-6	2,000.0
Trichloronaphthalene	3	1321-65-9	365.8
2,4,5-Trichlorophenol	2	95-95-4	2,000.0
2,4,6-Trichlorophenol	2	88-06-2	2,000.0
1,2,3-Trichloropropane	3	96-18-4	2,000.0
Triethylamine	2	121-44-8	2,000.0
Trifluralin	2	1582-09-8	2,000.0
Trimellitic anhydride	3	552-30-7	2.9
Trimethyl benzene, mixed isomers	3	25551-13-7	2,000.0
2,2,4-Trimethylpentane	2	540-84-1	2,000.0
Triorthocresyl phosphate	3	78-30-8	7.4
Triphenyl phosphate	3	115-86-6	218.6
Tris (1-aziridinyl) phosphine sulfide	3	52-24-4	Group B Pharmaceutical
Tungsten - as W, insoluble compounds	3	7440-33-7*	365.8
Tungsten - as W, soluble compounds	3	7440-33-7*	73.6
Uranium (natural), soluble & insoluble compounds, as U	3	7440-61-1*	14.5
Urethane (Ethyl carbamate)	2, 3	51-79-6	25.0
n-Valeraldehyde	3	110-62-3	2,000.0
Vinyl acetate	2, 3	108-05-4	2,000.0
Vinyl bromide	2	593-60-2	2,000.0
Vinyl chloride	2, 3	75-01-4	30.0

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Air Contaminant Name	Sources of Regulation (See Footnotes Below)	Chemical Abstract Service Number ⁷	Inclusion Level (lbs/yr)
Vinyl cyclohexene dioxide	3	106-87-6	1,314.0
Vinylidene chloride	2, 3	75-35-4	1,459.1
Vinyl toluene	3	25013-15-4	2,000.0
Volatile organic compounds (Reactive organic gases)	1	*	2,000.0
Warfarin	3, 6	81-81-2	7.4
Xylene, mixed isomers (Xylol)	2, 3	1330-20-7	2,000.0
m-Xylene	2, 3	108-38-3	2,000.0
o-Xylene	2, 3	95-47-6	2,000.0
p-Xylene	2, 3	106-42-3	2,000.0
m-Xylene-alpha,alpha'-diamine	3	1477-55-0	4.4
Xylidine, mixed isomers	3	1300-73-8	182
Zirconium and compounds, as Zr	3	7440-67-7*	365.8

1. Criteria Pollutant
2. Federal Hazardous Air Pollutant
3. State Hazardous Air Pollutant
4. Federal New Source Performance Standard
5. Stratospheric Ozone Depleting Substance
6. Pesticides, Rodenticides, Insecticides, Herbicides and Fungicides
7. The Chemical Abstract Service or CAS numbers refer to the unique chemical abstracts service registry number assigned to a specific chemical, isomer or mixture of chemicals or isomers and recorded in the CAS chemical registry system by the Chemical Abstracts Service, PO Box 3012, Columbus OH 42310, phone 1-800-848-5638 ext.2308.
8. Glycol ethers means any compound which can be described by the following chemical formula: R (OCH₂CH₂)_n-OR'
 where: n = 1, 2 or 3
 R = alkyl C7 or less
 or R = phenyl or alkyl substituted phenyl
 R' = H or alkyl C7 or less or ester, sulfate, phosphate, nitrate, sulfonate
 (i.e. any group that will readily come off)

- * Indicates contaminants for which multiple CAS numbers may apply. For contaminants listed as a metal and its compounds, the given CAS number refers to the metal.
- ** For groups of air contaminants, the sum of the maximum theoretical emissions of all air contaminants in the group is used for comparison with the group inclusion level in Table 2. Each air contaminant in the group is listed alphabetically within the table.

(d) The following air pollution control requirements:

1. Citation and description of all applicable requirements.
2. Description of or reference to any applicable test method for determining compliance with each applicable requirement.

(e) Other specific information that may be necessary to implement and enforce other requirements of the act or to determine the applicability of the requirements.

(f) An explanation of any proposed exemptions from otherwise applicable requirements.

(g) Additional information necessary to define alternate operating scenarios pursuant to s. NR 407.09 (2) (b), or to define permit terms and conditions implementing the permit flexibility provisions of s. NR 407.025 or internal offset provisions of s. NR 425.05.

(h) A compliance plan that contains all of the following:

1. A description of the compliance status of the source with respect to all applicable requirements.
2. A description as follows:
 - a. For applicable requirements with which the source is in compliance, a statement that the source will continue to comply with the requirements.
 - b. For applicable requirements that will become effective during the permit term, a statement that the source will meet the requirements on a timely basis.
 - c. For requirements for which an existing source is not proposed to be in compliance at the time of permit issuance, a narrative description of how the source will achieve compliance with the requirements.
3. A compliance schedule as follows:
 - a. For applicable requirements with which the source is in compliance, a statement that the source will continue to comply with the requirements.
 - b. For applicable requirements that will become effective during the permit term, a statement that the source will meet the requirements on a timely basis, unless a more detailed schedule is expressly required by the applicable requirement.
 - c. For existing sources, a compliance schedule for sources which are not proposed to be in compliance with all applicable requirements at the time of permit issuance. The schedule shall include a series of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with any applicable requirements for which the source will be in noncompliance at the time of permit issuance. This compliance schedule shall resemble and be at least as stringent as that contained in any judgment, judicial consent decree or stipulation or administrative order to which the source is subject.
4. A schedule for submission of progress reports, certified pursuant to par. (j), no less frequently than every 6 months for existing sources which are not in compliance with all applicable requirements on the date of permit issuance.
5. The compliance plan content requirements specified in this paragraph shall apply to and be included in the portion of a compliance plan required under the acid rain program for an affected source, except as specifically superseded by regulations promulgated under the acid rain program with regard to the schedule and method the source will use to achieve compliance with the emissions limitations pursuant to the acid rain program.
 - (i) Requirements for compliance certification, including the following:
 1. A certification of the source's compliance status with all applicable requirements by a responsible official consistent with par. (j).
 2. A description of the methods used for determining compliance, including a description of monitoring, recordkeeping and reporting requirements and test methods.

3. A schedule for submission of compliance certifications during the permit term, to be submitted no less frequently than annually, or more frequently if specified by the underlying applicable requirement or by the department.

4. A statement indicating the source's compliance status with any applicable enhanced monitoring and compliance certification requirements under s. 114 (a) (3) of the act (42 USC 7414 (a) (3)).

(j) Any application form, report or compliance certification submitted pursuant to this section shall require certification by a responsible official of the truth, accuracy and completeness of the submission. This certification and any other certification required under this chapter shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

(5) The applicant shall use nationally-standardized forms for the portions of permit applications and compliance plans related to acid rain program requirements, as required by regulations promulgated under the acid rain program.

Note: These forms may be obtained from the district and area offices of the Department or from the Wisconsin Department of Natural Resources, Bureau of Air Management, Permits Section, P.O. Box 7921, Madison WI 53707-7921 or U. S. EPA, Region 5, 77 W. Jackson, Chicago IL 60604.

(6) The applicant shall specifically identify all information in the permit application for which confidential status is sought and shall follow procedures in s. 144.33, Stats., and s. NR 2.19 to request confidential status for that information. In addition to the copies of the complete application required under sub. (2), an applicant requesting confidentiality shall also supply to the department 3 copies of the application with all confidential material deleted for forms and other materials which are submitted on paper. The applicant shall file one copy of all forms and other materials with all confidential material deleted if submitted in electronic format.

(7) Applications for general operation permits shall be submitted on forms supplied by the department and shall include all information necessary to determine qualification for and assure compliance with the general operation permit.

(8) Notwithstanding sub. (4) (intro.), the initial applications for existing, non-part 70 sources submitted pursuant to s. NR 407.04 (1) and initial applications for new or modified sources for which no construction permit is required do not need to include the information in sub. (4) (d), (f), (h) and (i).

History: Cr. Register, December, 1984, No. 348, eff. 1-1-85; r. and recr. Register, December, 1993, No. 456, eff. 1-1-94.

NR 407.06 Complete applications. (1) An application for an operation permit shall be initially deemed complete only if it contains all of the information described in s. NR 407.05 (4) and, for each form submitted, if all portions of that form which are specifically designated as necessary for a complete application are completed. The department may require an applicant to submit data necessary to complete any incomplete application.

(2) After an application for an operation permit has been initially deemed complete, the department may require additional information, including other information than that requested on the application forms, as needed to process the application. The department shall specify, in writing, a reasonable time period, of not less than 30 days, for the applicant to submit the requested information. The applicant may request and the department may grant a reasonable extension of the time period to submit the requested information. If the applicant does not supply the information requested by the date specified, the authorization for an existing source to operate under s. 144.3925 (7), Stats., shall no longer apply to the source.

(3) Unless the department determines in writing that an application for an operation permit is not complete within 20 days from the date that the application or additional information requested under sub. (2) is submitted, the application shall be deemed complete.

History: Cr. Register, December, 1993, No. 456, eff. 1-1-94.

NR 407.07 Action on applications. (1) The department shall follow the procedures in s. 144.3925, Stats., in acting on applications for operation permits and for renewals of operation permits. The requirements in s. 144.3925 (5m) (a) to (c), Stats., do not apply with respect to non-part 70 sources.

(2) For applications for existing sources received within one year after the effective date of this rule ... [revisor insert date], the department shall issue or deny the operation permit within 30 months after receiving a complete application.

(3) For applications for new or modified sources for which a construction permit is required under s. 144.391 (1) (a), Stats., and ch. NR 406, the department shall:

(a) Conduct the review, notification and publication, public comment and public hearing processes under s. 144.3925 (3) to (5), Stats., for the operation permit simultaneously with the similar processes under s. 144.392 (3) to (7), Stats., for the construction permit.

(b) Issue or deny the operation permit within 180 days after the applicant submits to the department the results of all equipment testing and emission monitoring required under the construction permit.

(c) 1. Except as provided in subd. 3, for part 70 sources, if, when comparing the permit conditions and emissions allowed under the construction permit to the permit conditions and emissions that would be allowed under the proposed operation permit prepared pursuant to s. 144.3925 (5m), Stats., there will be a change that would require treatment as a significant permit revision under s. NR 407.13, the department shall repeat the review, notification and publication, and public comment and public hearing processes under s. 144.3925 (3), (4) and (5), Stats., with the new proposed conditions or higher levels of emissions prior to further processing of the permit.

2. For non-part 70 sources, if, when comparing the permit conditions and emissions allowed under the construction permit to the permit conditions and emissions that would be allowed under the operation permit, there will be a change that would require treatment as a significant permit revision under s. NR 407.13, the department shall repeat the review,

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notification and publication, public comment and public hearing processes under s. 144.3925 (3), (4) and (5), Stats., with the new proposed conditions or higher levels of emissions prior to issuing the permit.

3. Notwithstanding subd. 1, for permits issued to part 70 sources prior to EPA approval of Wisconsin's operation permit program under s. 502 (d) of the act (42 USC 7661a (d)), if, when comparing the permit conditions and emissions allowed under the construction permit to the permit conditions and emissions that would be allowed under the operation permit, there will be a change that would require treatment as a significant permit revision under s. NR 407.13, the department shall repeat the review, notification and publication, public comment and public hearing processes under s. 144.3925 (3), (4) and (5), Stats., with the new proposed conditions or higher levels of emissions prior to issuing the permit.

History: Cr. Register, December, 1993, No. 456, eff. 1-1-94.

NR 407.08 Dates by which permits are required. (1) **EXISTING SOURCES.** Except as provided in s. 144.3925 (7), Stats., no stationary source which is required to obtain an operation permit under s. 144.391 (2) (a), Stats., and this chapter may operate after the date specified for that source in Table 1 of s. NR 407.04 without an operation permit issued by the department.

(2) **NEW OR MODIFIED SOURCES.** Except as provided in s. 144.391 (1) (a) 2, Stats., no new or modified source which is required to obtain an operation permit under s. 144.391 (1) (b), Stats., and this chapter may operate without an operation permit issued by the department.

History: Cr. Register, December, 1993, No. 456, eff. 1-1-94.

NR 407.09 Permit content. (1) **STANDARD PERMIT REQUIREMENTS.** Each permit issued under this chapter shall include, at a minimum, the following elements:

(a) Emission limitations and standards, including those operational requirements and limitations that are applied to assure compliance with all applicable requirements at the time of permit issuance, as follows:

1. The origin of and authority for each limitation, standard or requirement shall be specified and referenced and any difference in form as compared to the applicable requirement upon which the limitation, standard or requirement is based shall be identified.

2. Where an applicable requirement of the act is more stringent than an applicable requirement of the acid rain program, both provisions shall be incorporated into the permit and shall be enforceable by the department and by EPA.

(b) The duration of the permit as follows:

1. The term of an operation permit may not exceed 5 years.

2. The term of an operation permit issued to an affected source shall be fixed at 5 years.

(c) Monitoring, related recordkeeping and reporting requirements, as follows:

1. All applicable monitoring requirements, including:

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a. All emissions monitoring, analysis procedures and test methods required under the applicable requirements.

b. Where the applicable requirement does not require periodic testing or instrumental or noninstrumental monitoring, periodic monitoring or testing sufficient to yield reliable data from the relevant time period that are representative of the stationary source's compliance with the permit. Monitoring or testing requirements shall assure use of terms, test methods, units, averaging periods and other statistical conventions consistent with the applicable requirement. Monitoring may consist of recordkeeping sufficient to meet the requirements of this subparagraph. Permits for non-part 70 sources shall contain the requirements in this subparagraph only for those air contaminants emitted from an emissions unit, operation or activity where the actual emissions exceed the levels in Table 2 in s. NR 407.05. Actual emissions used for this determination shall be those reported under ch. NR 438 for the most recent year prior to when the permit or renewal is issued.

c. As necessary, requirements concerning the use, maintenance, calibration and, where appropriate, installation of monitoring equipment or methods.

2. All applicable recordkeeping requirements in s. NR 439.04.

3. Reporting requirements consistent with all applicable requirements and including the following:

a. Submittal of reports required under s. NR 439.03 (1) (b).

b. Prompt reporting of deviations from and violations of permit terms and conditions in accordance with s. NR 439.03 (4), (5) and (6).

(d) A severability clause that states that, in the event of a successful challenge to any portion of the permit, all other portions of the permit remain valid and effective.

(e) A provision requiring the payment of fees required under ch. NR 410.

(f) Provisions stating the following:

1. The permittee has the duty to comply with all conditions of the permit. Any noncompliance with the operation permit constitutes a violation of the statutes and is grounds for enforcement action; for permit suspension, revocation or revision; or, if allowed under s. 144.3925 (6), Stats., for denial of a permit renewal application.

2. It is not a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the permit.

3. The permit may be revised, revoked or suspended for cause under this chapter. The filing of a request by the permittee for a permit revision or for revocation, or the filing of notification of planned changes under s. NR 407.025 or of anticipated noncompliance, does not stay any permit condition.

4. The permit does not convey any property rights of any sort, or any exclusive privilege.

5. The permittee shall furnish to the department, within a reasonable time specified by the department, any information that the department may request in writing to determine whether cause exists to revise, revoke or suspend the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept pursuant to the permit.

(2) SPECIAL PERMIT REQUIREMENTS. Each permit issued under this chapter shall include the following elements if they are applicable to a stationary source:

(a) For affected sources, conditions prohibiting emissions exceeding any allowances that the source lawfully holds under the acid rain program, including allowances allocated directly to the source through the acid rain program, and allowances obtained through the emissions trading provisions of the acid rain program, subject to the following qualifications:

1. No permit revision may be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that the increases do not require a permit revision under any other applicable requirement.

2. No limit may be placed on the number of allowances that may be held by the stationary source.

3. A stationary source may not use allowances as a defense to noncompliance with any applicable requirement other than the requirements of the acid rain program.

4. Any acid rain allowance shall be accounted for according to the procedures established in the acid rain program.

(b) For those stationary sources which identify reasonably anticipated alternate operating scenarios in their applications, terms and conditions covering reasonably anticipated alternate operating scenarios that are approved by the department. The terms and conditions:

1. Shall require the permittee, contemporaneously with making a change from one operating scenario to another, to record in a log at the permitted facility a record of the scenario under which it is operating; and

2. Shall require the source to comply with all applicable requirements for each alternate operating scenario.

(c) For sources for which an internal offset has been approved by the department under s. NR 425.05, terms and conditions, if the permit applicant requests them, for the trading of emissions increases and decreases in the permitted facility, to the extent that the applicable requirements and internal offset approval allow for such trading without a case-by-case approval of each emissions trade.

(d) For stationary sources that have previously been issued an air pollution control permit, provisions consistent with any condition in that permit if the provisions are still applicable to that stationary source. Conditions which may be considered still applicable include, but are not limited to, the following: