



**Minnesota Pollution
Control Agency**

520 Lafayette Road North
St. Paul, MN 55155-4194

CAP-GI-09A

Capped Permit Requirements:
NESHAP for Source Categories (40 CFR pt. 63)
Air Quality Permit Program

Doc Type: Permit Application

National Emission Standards for Hazardous Air Pollutants for source categories (NESHAP for Source Categories, 40 CFR pt. 63)

Tables A (Hazardous Air Pollutants) and B (Source Categories) are provided for your reference and to assist with completing CAP-00. They are not used to answer Question 1 on this form.

AQ Facility ID No.: _____ AQ File No.: _____

Facility Name: _____

1) If your source has any equipment that belongs to the following area source categories, place a check in the box next to that category and read the specified NESHAP for Source Categories to determine all applicable requirements for area sources. The rules for these source categories may apply whether or not your facility is considered a major source for hazardous air pollutants. If you check one or more boxes below, you must answer "Yes" to question 1b when you return to Form CAP-GI-09. If any part of your facility is subject to a listed standard that requires a Part 70 operating permit, you may not get a Capped Permit but must instead apply for and obtain a Part 70 permit.

- ☐ Acrylic and Modacrylic Fibers Production, 40 CFR § 63 Subpart LLLLLL
- ☐ Asphalt Processing and Asphalt Roofing Manufacturing, 40 CFR § 63 Subpart AAAAAA
- ☐ Carbon Black Production, 40 CFR § 63 Subpart MMMMM (see note 1)
- ☐ Chemical Manufacturing Area Sources, 40 CFR § 63 Subpart VVVVV (see note 2)
- ☐ Chemical Manufacturing: Chromium Compounds, 40 CFR § 63 Subpart NNNNN (see note 1)
- ☐ Chemical Preparations Industry, 40 CFR § 63 Subpart BBBB
- ☐ Chromic acid anodizing (**Chromium Electroplating**), 40 CFR § 63 Subpart N
- ☐ Clay Ceramics Manufacturing, 40 CFR § 63 Subpart RRRR
- ☐ Commercial dry cleaning (Perc) transfer machines, 40 CFR § 63 Subpart M
- ☐ Commercial sterilization facilities, 40 CFR § 63 Subpart O
- ☐ Decorative chromium electroplating (**Chromium Electroplating**), 40 CFR § 63 Subpart N
- ☐ Electric Arc Furnace Steelmaking Facilities, 40 CFR § 63 Subpart YYYYY (see note 1)
- ☐ Ferroalloys Production Facilities, 40 CFR § 63 Subpart YYYYY
- ☐ Flexible Polyurethane Foam Production and Fabrication, 40 CFR § 63 Subpart OOOOO
- ☐ Gasoline Dispensing Facilities, 40 CFR § 63 Subpart CCCCC
- ☐ Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities, 40 CFR § 63 Subpart BBBB
- ☐ Glass Manufacturing, 40 CFR § 63 Subpart SSSSS (see note 1)
- ☐ Gold Mine Ore Processing and Production, 40 CFR § 63 Subpart EEEEE
- ☐ Halogenated solvent cleaners (Degreasing Organic Cleaners), 40 CFR § 63 Subpart T
- ☐ Hard chromium electroplating (**Chromium Electroplating**), 40 CFR § 63 Subpart N
- ☐ Hospital Sterilizers Using Ethylene Oxide, 40 CFR § 63 Subpart WWWW
- ☐ Industrial, Commercial, and Institutional Boilers, 40 CFR § 63 Subpart JJJJJ
- ☐ Iron and Steel Foundries Area Sources, 40 CFR § 63 Subpart ZZZZ
- ☐ Lead Acid Battery Manufacturing, 40 CFR § 63 Subpart PPPPP
- ☐ Metal Fabrication and Finishing Sources, 40 CFR § 63 Subpart XXXXX
- ☐ Nonferrous Foundries: Aluminum, Copper, and Other, 40 CFR § 63 Subpart ZZZZ
- ☐ Oil and natural gas production, 40 CFR § 63 Subpart HH
- ☐ Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources, 40 CFR § 63 Subpart HHHHH
- ☐ Paints and Allied Products Manufacturing, 40 CFR § 63 Subpart CCCCC
- ☐ Plating and Polishing Operations, 40 CFR § 63 Subpart WWWW
- ☐ Polyvinyl Chloride and Copolymers Production, 40 CFR § 63 Subpart DDDDD
- ☐ Prepared Feeds Manufacturing, 40 CFR § 63 Subpart DDDDD
- ☐ Primary Copper Smelting, 40 CFR § 63 Subpart EEEEE (see note 1)
- ☐ Primary Nonferrous Metals: Zinc, Cadmium, and Beryllium, 40 CFR § 63 Subpart GGGGG (see note 1)

- ☐ Reciprocating Internal Combustion Engines, 40 CFR § 63 Subpart ZZZZ
- ☐ Secondary aluminum processing, 40 CFR § 63 Subpart RRR
- ☐ Secondary Copper Smelting, 40 CFR § 63 Subpart FFFFFFFF (see note 1)
- ☐ Secondary Nonferrous Metals Processing (Brass, Bronze, Magnesium, Zinc), 40 CFR § 63 Subpart TTTTTT
- ☐ Wood Preserving, 40 CFR § 63 Subpart QQQQQQ

Notes

1. If any part of your facility is subject Subpart(s) MMMMMM, NNNNNN, YYYYYY, SSSSSS, EEEEEEE, EEEEEEE, GGGGGG, and/or FFFFFFFF, you must apply for and obtain a Part 70 operating permit; a facility subject to any of these subparts does not qualify for a Capped Permit.
2. If a source subject to this subpart was a major source of HAP and installed control equipment after November 15, 1990, to become an area source of HAP, the source must obtain a Part 70 operating permit, regardless of the facility emissions.

- 2) Return to Form CAP-GI-09 and answer question 1b.

Table A - Hazardous Air Pollutants

75070	Acetaldehyde	119937	3,3-Dimethyl benzidine
60355	Acetamide	79447	Dimethyl carbamoyl chloride
75058	Acetonitrile	68122	Dimethyl formamide
98862	Acetophenone	57147	1,1 Dimethyl hydrazine
53963	2-Acetylaminofluorene	131113	Dimethyl phthalate
107028	Acrolein	77781	Dimethyl Sulfate
79061	Acrylamide	534521	4,6-Dintro-o-cresol, and salts
79107	Acrylic acid	51285	2,4-Dinitrophenol
107131	Acrylonitrile	121142	2,4-Dinitrotoluene
107051	Allyl chloride	123911	1,4-Dioxane (1,4-Diethyleneoxide)
92671	4-Aminobiphenyl	122667	1,2-Diphenylhydrazine
62533	Aniline		
90040	o-Anisidine	106898	Epichlorohydrin (1-Chloro-2,3-epoxypropane)
1332214	Asbestos	106887	1,2-Epoxybutane
		140885	Ethyl acrylate
71432	Benzene	100414	Ethyl benzene
92875	Benzidine	51796	Ethyl carbamate (Urethane)
98077	Benzotrichloride	75003	Ethyl chloride (Chloroethane)
100447	Benzyl chloride	106934	Ethylene dibromide (Dibromoethane)
92524	Biphenyl	107062	Ethylene dichloride (1,2- Dichloroethane)
117817	Bis (2-ethylhexyl) phthalate (DEHP)	107211	Ethylene glycol
542881	Bis (chloromethyl) ether	151564	Ethylene imine (Aziridine)
75252	Bromoform	75218	Ethylene oxide
106990	1,3-Butadiene	96457	Ethylene thiourea
		75343	Ethylidene dichloride (1,1-Dichloroethane)
156627	Calcium cyanamide		
133062	Captan	50000	Formaldehyde
63252	Carbaryl		
75150	Carbon disulfide	76448	Heptachlor
56235	Carbon tetrachloride	118741	Hexachlorobenzene
463581	Carbonyl sulfide	87683	Hexachlorobutadiene
120809	Catechol	77474	Hexachlorocyclopentadiene
133904	Chloramben	67721	Hexachloroethane
57749	Chlordane	822060	Hexamethylene-1,6-diisocyanate
7782505	Chlorine	680319	Hexamethylphosphoramide
79118	Chloroacetic acid	110543	Hexane
532274	2-Chloroacetophenone	302012	Hydrazine
108907	Chlorobenzene	7647010	Hydrochloric acid
510156	Chlorobenzilate	7664393	Hydrogen flouride (hydrofluoric acid)
67663	Chloroform	123319	Hydroquinone
107302	Chloromethyl methyl ether		
126998	Chloroprene	78591	Isophorone
1319773	Cresols/Cresylic acid (isomers and mixture)		
95487	o-Cresol	58899	Lindane (all isomers)
108394	m-Cresol		
106445	p-Cresol	108316	Maleic anhydride
98828	Cumene	67561	Methanol
		72435	Methoxychlor
94757	2,4-D, salts and esters	74839	Methyl bromide (Bromomethane)
3547044	DDE	74873	Methyl chloride (Chloromethane)
334883	Diazomethane	71556	Methyl chloroform (1,1,1-Trichloroethane)
132649	Dibenzofurans	60344	Methyl hydrazine
96128	1,2-Dibromo-3-chloropropane	74884	Methyl iodide (Iodomethane)
84742	Dibutylphthalate	108101	Methyl isobutyl ketone (Hexone)
106467	1,4-Dichlorobenzene(p)	624839	Methyl isocyanate
91941	3,3'-Dichlorobenzidine	80626	Methyl methacrylate
111444	Dichloroethyl ether (Bis(2-chloroethyl)ether)	1634044	Methyl tert butyl ether
542756	1,3-Dichloropropene	101144	4,4-Methylene bis (2-chloroaniline)
62737	Dichlorvos	75092	Methylene chloride (Dichloromethane)
111422	Diethanolamine	101688	Methylene diphenyl diisocyanate (MDI)
121697	N,N-Diethyl aniline (N,N- Dimethylaniline)	101779	4,4'-methylenedianiline
64675	Diethyl sulfate		
119904	3,3-Dimethoxybenzidine		
60117	Dimethyl aminoazobenzene		

Table A - Hazardous Air Pollutants

91203	Naphthalene	0	Antimony compounds
98953	Nitrobenzene	0	Arsenic compounds (inorganic including arsine)
92933	4-Nitrobiphenyl	0	Beryllium compounds
100027	4-Nitrophenol	0	Cadmium compounds
79469	2-Nitropropane	0	Chromium compounds
684935	N-Nitroso-N-methylurea	0	Cobalt compounds
62759	N-Nitrosodimethylamine	0	Coke oven emissions
59892	N-Nitosomorpholine	0	Cyanide compounds
56382	Parathion	0	Glycol ethers ¹
82688	Pentachloronitrobenzene (Quintobenzene)	0	Lead compounds
87865	Pentachlorophenol	0	Manganese compounds
108952	Phenol	0	Mercury compounds
106503	p-Phenylenediamine	0	Mineral fibers ²
75445	Phosgene	0	Nickel compounds
7803512	Phosphine	0	Polycyclic organic matter ³
7723140	Phosphorus	0	Radionuclides ⁴
85449	Phthalic anhydride	0	Selenium compounds
1336363	Polychlorinated biphenyls (aroclor)		
1120714	1,3-Propane sultone		
57578	beta-Propiolactone		
123386	Propionaldehyde		
114261	Propoxur (Baygon)		
78875	Propylene dichloride (1,2-Dichloropropane)		
75569	Propylene oxide		
75558	1,2-Propylenimine (2-Methyl aziridine)		
91225	Quinoline		
106514	Quinone		
100425	Styrene		
96093	Styrene Oxide		
1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin		
79345	1,1,2,2-Tetrachloroethane		
127184	Tetrachloroethylene (Perchloroethylene)		
7550450	Titanium tetrachloride		
108883	Toluene		
95807	2,4-Toluene diamine		
584849	2,4-Toluene diisocyanate		
95534	o-Toluidine		
8001352	Toxaphene (chlorinated camphene)		
120821	1,2,4-Trichlorobenzene		
79005	1,1,2-Trichloroethane		
79016	Trichloroethylene		
95954	2,4,5-Trichlorophenol		
88062	2,4,6-Trichlorophenol		
121448	Triethylamine		
1582098	Trifluralin		
540841	2,2,4-Trimethylpentane		
108054	Vinyl acetate		
593602	Vinyl bromide		
75014	Vinyl chloride		
75354	Vinylidene chloride (1,1-Dichloroethylene)		
1330207	Xylenes (isomers and mixtures)		
95476	o-Xylenes		
108383	m-Xylenes		
106423	p-Xylenes		

Note: For all listings above which contain the word "compounds" and for glycol ethers, the following applies: Unless otherwise specified, these listings are defined as including any unique chemical substance that contains the named chemical (i.e., antimony, arsenic, etc.) as part of that chemical's infrastructure.

¹ Glycol ethers include mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH₂CH₂)_n-OR' where

n = 1, 2, or 3

R = alkyl C7 or less; or

R = phenyl or alkyl substituted phenyl;

R' = H or alkyl C7 or less; or

OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.

Glycol ethers do not include ethylene glycol monobutyl ether (EGBE, 2-Butoxyethanol, CAS Number 111-76-2).

² Includes mineral fiber emissions from facilities manufacturing glass, rock, or slag fibers (or other mineral derived fibers) of average diameter 1 micron or less.

³ Includes organic compounds with more than one benzene ring, and which have a boiling point greater than or equal to 100°C.

⁴ A type of atom which spontaneously undergoes radioactive decay.

Table B – Source Categories

Categories of Major Sources	Subpart	Rule Promulgation Date	Compliance Date for Existing Sources (if applicable)
Acetyl resins production (Generic MACT)	YY	6/29/99	6/29/02
Acrylic fibers/modacrylic fibers production (Generic MACT)	YY	6/29/99	6/29/02
Acrylonitrile-butadiene-styrene production (Polymers and Resins IV)	JJJ	9/12/96	7/31/97
Aerospace Industry	GG	9/1/95	9/1/98
Alkyd resins production (Misc. Organic Chemical Production and Processes (MON))	FFFF	11/10/03	11/10/06
Amino resins production(Polymers and Resins III)	OOO	1/20/00	1/20/03
Ammonium sulfate production (MON)	FFFF	11/10/03	11/10/06
Asphalt/coal tar application - metal pipes	MMMM	1/2/04	1/2/07
Asphalt Roofing and Processing	LLLLL	4/29/03	5/1/06
Auto and Light Duty Truck Surface Coating	IIII	4/26/04	4/26/07
Benzyltrimethylammonium chloride production (MON)	FFFF	11/10/03	11/10/06
Boat manufacturing	VVVV	8/22/01	8/22/04
Brick and Structural Clay Products Manufacturing	JJJJJ	5/16/03	5/16/06
Butadiene-furfural cotrimer (R-11) production (Pesticide Active Ingredient Production)	MMM	6/23/99	12/23/03
Butyl rubber production (Polymers and Resins I)	U	9/5/96	3/5/97
Captafol production (Pesticide Active Ingredient Production)	MMM	6/23/99	12/23/03
Captan production (Pesticide Active Ingredient Production)	MMM	6/23/99	12/23/03
Carbon Black Production (Generic MACT)	YY	7/12/02	7/12/05
Carboxymethylcellulose production (Cellulose Production Manufacturing)	UUUU	6/11/02	6/11/05
Carbonyl sulfide production (MON)	FFFF	11/10/03	11/10/06
Cellophane production (Cellulose Production Manufacturing)	UUUU	6/11/02	6/11/05
Cellulose ethers production (Cellulose Production Manufacturing)	UUUU	6/11/02	6/11/05
Cellulose food casing manufacturing (Cellulose Production Manufacturing)	UUUU	6/11/02	6/11/05
Clay Ceramics Manufacturing	KKKKK	5/16/03	5/16/06
Chelating agents production (MON)	FFFF	11/10/03	11/10/06
Chlorinated paraffins production (MON)	FFFF	11/10/03	11/10/06
4-chloro-2-methyl acid production (Pesticide Active Ingredient Production)	MMM	6/23/99	12/23/03
Chloroneb production (Pesticide Active Ingredient Production)	MMM	6/23/99	12/23/03
Chlorothalonil production (Pesticide Active Ingredient Production)	MMM	6/23/99	12/23/03
Chromic acid anodizing (Chromium Electroplating)	N	1/25/95	1/25/97
Coke Ovens: Charging, Top Side, and Door Leaks	L	10/27/93	varies
Coke Ovens: Pushing, Quenching and Battery Stacks	CCCCC	4/14/03	4/14/06
Combustion (Gas) Turbines	YYYY	3/5/04	3/5/07
Commercial dry cleaning (Perc) transfer machines	M	9/22/93	9/23/96
Commercial sterilization facilities	O	12/6/94	12/6/98
Cyanide Chemicals Manufacturing (Generic MACT)	YY	7/12/02	7/12/05
Dacthal TM production (Pesticide Active Ingredient Production)	MMM	6/23/99	12/23/03
Decorative chromium electroplating (Chromium Electroplating)	N	1/25/95	1/25/96
4,6,-dinitro-o-cresol production (Pesticide Active Ingredient Production)	MMM	6/23/99	12/23/03

Table B (continued)

Categories of Major Sources	Subpart	Rule Promulgation Date	Compliance Date for Existing Sources (if applicable)
Engine Test Cells/Standards	PPPPP	5/27/03	5/27/03
Epichlorohydrin elastomers production (Polymers and Resins I)	U	9/5/96	3/5/97
Epoxy resins production (Polymers and Resins II)	W	3/8/95	3/3/98
Ethylene-propylene rubber production (Polymers and Resins I)	U	9/5/96	3/5/97
Ethylidene norbornene production (MON)	FFFF	11/10/03	11/10/06
Explosives production (MON)	FFFF	11/10/03	11/10/06
Ethylene Processes (Generic MACT)	YY	7/12/02	7/12/05
Fabric Printing, Coating, & Dyeing	OOOO	5/29/03	5/29/06
Ferroalloys Production	XXX	5/20/99	5/20/01
Fiberglass Mat Production (wet formed)	HHHH	4/11/02	4/11/05
Flexible Polyurethane Foam Fabrication Operations	MMMMM	4/14/03	4/14/04
Flexible Polyurethane Foam Production	III	10/7/98	10/8/01
Friction Products Manufacturing	QQQQQ	10/18/02	10/18/05
Fume Silica Production (Hydrochloric Acid Production)	NNNNN	4/17/03	4/17/06
Gasoline distribution (Stage 1)	R	12/14/94	12/15/97
Halogenated solvent cleaners (Degreasing Organic Cleaners)	T	12/2/94	12/2/97
Hard chromium electroplating (Chromium Electroplating)	N	1/25/95	1/25/97
Hazardous Waste Combustion		9/30/99	9/30/03
Hazardous Organic NESHA (Synthetic Organic Chemical Manufacturing Industry)	F,G	4/22/94	5/14/01
	H	4/22/94	5/12/99
	I	4/22/94	5/12/98
Hydrazine production (MON)	FFFF	11/10/03	11/10/06
Hydrochloric acid production	NNNNN	4/17/03	4/17/06
Hydrogen Fluoride Production (Generic MACT)	YY	6/29/99	6/29/02
Hypalon™ production (Polymers and Resins I)	U	9/5/96	3/5/97
Industrial, Commercial and Institutional Boilers and Process Heaters	DDDDD	5/20/11	3/21/14
Industrial Dry Cleaning (Dry Cleaning)	M	9/22/93	12/20/93
Industrial Cooling Towers	Q	9/8/94	3/8/95
Integrated Iron and Steel Manufacturing	FFFFF	5/20/03	5/20/06
Iron & Steel Foundries	EEEE	4/22/04	4/22/07
Large Appliance Surface Coating	NNNN	7/23/02	7/23/05
Leather Finishing Operation	TTTT	2/27/02	2/27/05
Lime Manufacturing	AAAAA	1/5/04	1/5/07
Magnetic Tape Surface Coating	EE	12/15/94	12/15/96
Maleic anhydride copolymers production (MON)	FFFF	11/10/03	11/10/06
Manufacture of paints, coating and adhesives (MON)	FFFF	11/10/03	11/10/06
Marine Vessel Loading Operations	Y	9/19/95	9/19/99
Mercury cell Chlor-Alkali plants	IIII	12/19/03	12/19/06
Metal Can Surface Coating	KKKK	11/13/03	11/13/05
Metal Coil Surface Coating	SSSS	6/10/02	6/10/05
Metal Furniture Surface Coating	RRRR	5/23/03	5/23/06
Methylcellulose production (Cellulose Production Manufacturing)	UUUU	6/11/02	6/11/05
Methyl methacrylate-acrylonitrile-butadiene-styrene production (Polymers and Resins IV)	JJJ	9/12/96	7/31/97

Table B (continued)

Categories of Major Sources	Subpart	Rule Promulgation Date	Compliance Date for Existing Sources (if applicable)
Methyl methacrylate-butadiene-styrene terpolymers production (Polymers and Resins IV)	JJJ	9/12/96	7/31/97
Mineral Wool Production	DDD	6/1/99	6/1/02
Miscellaneous Coating Manufacturing	HHHHH	12/11/03	12/11/06
Miscellaneous Metal Parts and Products Surface Coating	MMMM	1/2/04	1/2/07
Municipal Solid Waste Landfills	AAAA	1/16/03	1/16/04
Natural gas transmission and storage	HHH	6/17/99	6/17/02
Neoprene production (Polymers and Resins I)	U	9/5/96	3/5/97
Nitrile butadiene rubber prod. (Polymers and Resins I)	U	9/5/96	3/5/97
Non-nylon polyamides production (Polymers and Resins I)	W	3/8/95	3/3/98
Nutritional Yeast Manufacture	CCCC	5/21/01	5/21/04
Off-site Waste Recovery Operations	DD	7/1/96	2/1/00
Oil and natural gas production	HH	6/17/99	6/17/02
Organic liquids distribution (non-gasoline)	EEEE	2/3/04	2/3/07
Oxybisphenoxarsine (OBPA)/1,3-diisocyanate production (MON)	FFFF	11/10/03	11/10/06
Paper and other webs surface coating	JJJJ	12/4/02	12/4/05
Petroleum refineries - catalytic cracking (fluid and other) units, catalytic reforming units, and sulfur plant units	UUU	4/11/02	4/11/05
Petroleum refineries - Other sources not distinctly listed	CC	8/18/95	8/18/98
Pharmaceuticals production	GGG	9/21/98	9/21/01
Phenolic resins production (Polymers and Resins III)	OOO	1/20/00	1/20/03
Phosphate fertilizers production	BB	6/10/99	6/10/02
Phosphoric acid manufacturing	AA	6/10/99	6/10/02
Photographic chemicals production (MON)	FFFF	11/10/03	11/10/06
Phthalate plasticizers production (MON)	FFFF	11/10/03	11/10/06
Plastic parts and products surface coating	PPPP	4/19/04	4/19/07
Plywood & composite wood products	DDDD	7/30/04	9/28/07
Polyether polyols production	PPP	6/1/99	6/1/02
Polybutadiene rubber production (Polymers and Resins I)	U	9/5/96	3/5/97
Polycarbonates production (Generic MACT)	YY	6/29/99	6/29/02
Polyester resins production (MON)	FFFF	11/10/03	11/10/06
Polyethylene terephthalate production (Polymers and Resins IV)	JJJ	9/12/96	7/31/97
Polymerized vinylidene chloride production (MON)	FFFF	11/10/03	11/10/06
Polymethyl methacrylate resins production (MON)	FFFF	11/10/03	11/10/06
Polystyrene production (Polymers and Resins IV)	JJJ	9/12/96	7/31/97
Polysulfide rubber production (Polymers and Resins I)	U	9/5/96	3/5/97
Polyvinyl acetate emulsions production (MON)	FFFF	11/10/03	11/10/06
Polyvinyl alcohol production (MON)	FFFF	11/10/03	11/10/06
Polyvinyl butyral production (MON)	FFFF	11/10/03	11/10/06
Polyvinyl chloride and copolymers production	J	7/10/02	7/10/05
Portland cement manufacturing	LLL	6/14/99	6/10/02
Primary aluminum production	LL	10/7/97	10/7/99
Primary copper smelting	QQQ	6/12/02	6/12/05
Primary lead smelting	TTT	6/4/99	5/4/01
Primary magnesium refining	TTTTT	10/10/03	10/11/04
Printing/publishing	KK	5/30/96	5/30/99
Publicly owned treatment works	VVV	10/26/99	10/26/02
Pulp and paper production (non-combust) MACT I	S	4/15/98	4/15/01
Pulp and paper production (combust) (Kraft, soda, sulfite) MACT II	MM	1/12/01	1/12/04

Table B (continued)

Categories of Major Sources	Subpart	Rule Promulgation Date	Compliance Date for Existing Sources (if applicable)
Pulp and paper production (non-chemical) MACT III	S	3/8/96	4/16/01
Quaternary ammonium compounds production (MON)	FFFF	11/10/03	11/10/06
Rayon production (Cellulose Production Manufacturing)	UUUU	6/11/02	6/11/05
Reciprocating Internal Combustion Engines	ZZZZ	6/15/04	6/15/07
Refractory Products Manufacturing	SSSSS	4/16/03	4/17/06
Reinforced plastic composites production	WWWW	4/21/03	4/21/06
Rubber chemicals manufacturing (MON)	FFFF	11/10/03	11/10/06
2,4- salts and esters production (Pesticide Active Ingredient Production)	MMM	6/23/99	12/23/03
Secondary aluminum prod.	RRR	3/23/00	3/24/03
Secondary lead smelting	X	6/23/95	6/23/97
Semiconductor manufacturing	BBBBB	5/22/03	5/22/06
Shipbuilding and ship repair (surface coating)	II	12/15/95	12/16/96
Site remediation	GGGGG	10/8/03	10/9/06
Sodium pentachlorophenate production (Pesticide Active Ingredient Production)	MMM	6/23/99	12/23/03
Spandex production (Generic MACT)	YY	7/12/02	7/12/05
Stationary combustion turbines	YYYY	3/5/04	3/5/07
Steel pickling	CCC	6/22/99	6/22/01
Styrene-acrylonitrile production (Polymers and Resins IV)	JJJ	9/12/96	7/31/97
Styrene-butadiene rubber and latex prod. (Polymers and Resins I)	U	9/5/96	3/5/97
Symmetrical tetrachloropyridine production (MON)	FFFF	11/10/03	11/10/06
Taconite iron ore processing	RRRRR	10/30/03	10/30/06
Tetrahydrobenzaldehyde manufacture	F	5/12/98	5/12/01
Tire manufacturing	XXXX	7/9/02	7/11/05
Tordon TM acid production (Pesticide Active Ingredient Production)	MMM	6/23/99	12/23/03
Utility NESHAP	UUUUU	2/16/12	4/16/15
Vegetable oil production – solvent extraction	GGGG	4/12/01	4/12/04
Wood building products (surface coating)	QQQQ	5/28/03	5/28/06
Wood furniture	JJ	12/7/95	11/21/97
Wool fiberglass manufacturing	NNN	6/14/99	6/14/02