

Status of standards of performance 40 CFR 59

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Last Updated: 08/25/00

Source Categories ¹	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
Auto Refinish Coatings		Manufacturer	VOC	04/30/96 (61FR19005) 12/30/97 (62FR67784) 09/11/98 (63FR48806) 11/23/98 (63FR64761) - C 04/05/99 (64FR16447) - P				
Architectural Coatings	D	Manufacturer	VOC	06/25/96 (61FR32729) 08/01/96 (61FR40161) - N 09/03/96 (61FR46410) 10/08/96 (61FR52735) - P	10/14/98 (63FR55175) 09/11/98 (63FR48819) 09/11/98 (63FR55185) - C 06/30/99 (64FR34997) - C, A 02/16/00 (65FR7736)-A			EPA-453/R-95-009a
Consumer Products		Manufacturer	VOC	04/02/96 (61FR14531) 09/30/98 (67FR52310) - C 03/18/99 (64FR13423) - N 04/05/99 (64FR16447) - P				

**Status of standards of performance
New Source Performance Standards
40 CFR 60**

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Last Updated: 08/25/00

Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
Priority List		Categories of Stationary Sources		08/31/78 (43FR38872) 05/13/81 (46FR25601) - R	08/21/79 (44FR49222) 01/08/82 (47FR950) 03/12/96 (61FR9905) - R			EPA-450/3-79-023
General Provisions	A	Opacity Record keeping and Reporting	Opacity	07/31/84 (49FR30676) 09/17/84 (49FR36410) - C	12/27/85 (50FR53108)			EPA-450/3-85-013
	A	Continuous Opacity Monitors		12/27/85 (50FR53115)	03/26/87 (52FR9778) 05/11/87 (52FR17555) - C			EPA-450/3-85-013
	A	Flares Revision		04/16/85 (50FR14941)	01/21/86 (51FR2699)			EPA-450/3-80-033a&b
	A	Quality Assurance Requirements for Gaseous CEMS		03/14/84 (49FR9676)	06/04/87 (52FR21003)			EPA-450/3-82-010
	A	Amendments to Gen. Provisions	All HAPS	08/11/93 09/11/96 (61FR47840) - R	03/16/94 (59FR12408)			
SOCMI CAR				10/28/98 (63FR57748) 01/14/99 (64FR2460) - P 02/11/99 (64FR7458) - A				
State Plans for Design Facilities	B	Revised emission guideline publ. date		04/20/88 (53FR12962)	02/20/89 (54FR52188) 11/12/98 (63FR6319) 02/12/99 (64FR7458) - A			

Municipal Solid Waste Landfills	Cc	Existing Landfills	Landfill Gas	05/30/91 (56FR24468) 06/21/93 (58FR33790)	03/12/96 (60FR9905) 06/16/98 (63FR32743) 02/24/99 (64FR9258) - A, C 11/08/99 (64FR60689) - F 04/10/00 (60FR18992)-C			EPA-450/R-94-021
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Fossil-Fuel Fired Steam Generators for which construction is commenced after 8/17/71 and before 9/19/78	D	Utility and Industrial (coal, oil, and gas)	PM, SO2, NOX	08/17/71	12/12/71 06/14/74 (clarification)		EPA-450/3-79-021 APTD-0711 EPA-450/2-76-030a&b
		Wood Residue Amendment	PM, SO2, NOX	01/17/79	11/22/76 (41FR51397)		
		Amendment & final rule			11/25/86 (51FR42796) - A		
		Lignite fired steam generators (Amendment)	NOX	12/22/76 (41FR55792)	03/07/78 (43FR9276)		
		Revision for 30-day Averaging	SO2	10/21/83 (48FR48960) 01/17/84 (49FR1997) - P	11/08/85 (50FR46464) - R		EPA-450/3-82-013a EPA-450/3-82-013b
		Methods 2F, 2G, 2H		03/23/84 (49FR10950) - P 06/01/84 (49FR22835) - P 09/11/96 (61FR47840) - R 07/09/97 (62FR36947) 09/03/97 (62FR46453) - R 02/12/99 (64FR7464) - A	08/17/89 (54FR34008)		
		Method 5B & 5F Revision to Appendix A (sulfuric acid exclusion)		02/07/99 (64FR37196) - C	11/26/86 (51FR42839)		EPA-450/3-86-008
		Central Illinois Pub. Service Co.; Newton, IL Power Station - Bubble Revision	SO2	05/29/85 (50FR21863)	08/04/87 (52FR28946)		
		Method 3 & 3B		01/25/85 (50FR3688) - A 03/29/85 (50FR12574) - P			
			D, Da, E, Z, BB			03/01/89 (54FR8564) 09/11/96 (61FR47840) - R	

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Elect. Utility Steam Generating Units for which construction is commenced after 9/18/78	D, Da, E, Z, BB	Utility boilers (solid, liquid, & gaseous fuels) Method 5B & 5F revision to Appendix A (sulfuric acid exclusion) Method 3 & 3B	PM, SO2, NOX	09/19/78 (43FR42154) 05/29/85 (50FR21863) 03/01/89 (54FR8564)	06/11/79 (44FR33581) 11/26/86 (51FR42839) 02/16/98 (63FR49442) 02/29/00 (65FR10783)-N 04/10/00 (65FR18992)-N			EPA-450/2-78-005a EPA-450/2-78-006a EPA-450/2-78-007a EPA-450/2-78-007a-1 EPA-450/3-79-021 EPA-450/3-86-008

Industrial Boilers	Db	Industrial boilers (coal, oil, gas, solid waste, wood and bagasse) Correction to proposed rule Method 5B & 5F revision to Appendix A (sulfuric acid exclusion) Oil-fired boilers Industrial boilers Louisiana	NOX, PM PM SO2 NOX	06/19/84 (49FR25102) 07/30/84 (49FR30337) - P 12/02/85 (50FR49422) - C 05/29/85 (50FR21863) 06/19/86 (51FR22384) 06/19/86 (51FR22384) 06/19/84 (49FR25102) 09/11/96 (61FR47840) - R 07/09/97 (62RF36948)	11/25/86 (51FR42768) 11/26/86 (50FR42839) 12/16/87 (52FR47826) 12/18/89 (54FR51820) - A 12/16/87 (52FR47826) 12/18/89 (54FR51818) - A 11/26/86 (50FR42839) 03/29/86 (61FR14029) - R			EPA-450/3-82-006a&b EPA-450/3-82-007 EPA-450/3-86-008 EPA-450/3-87-024
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Small Industrial Commercial Institutional Generating Units	Dc	Steam generating units	PM, SO2	06/09/89 (54FR24792) 11/15/95 (60FR57373) 09/11/96 (61FR47840) - R	09/12/90 (55FR37674) 03/13/00 (65FR13242)-C			EPA-450/3-89-11 EPA-450/3-89-12 EPA-450/3-89-13 EPA-450/3-89-14 EPA-450/3-89-15 EPA-450/3-89-16 EPA-450/3-89-17 EPA-450/3-89-18
Municipal Incinerators (>50 tons/day)	E	Incinerators	PM	08/17/71 06/19/84 (49FR25102)	12/23/71	11/27/79 (44FR7939)		APTD-0711 EPA-450/3-79-009 EPA-450/3-82-006a&b

Medical Waste Incinerator s	Ec Ce			02/27/95 (60FR10654) 03/15/95 (50FR13937) - N 06/20/96 (61FR31736) - P	09/15/97 (62FR48348)			EPA-453/R-97-006b
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Municipal Waste Combustor Emissions	Ca, Ea	Response to Petition and ANPR Methods 23 & 24	MWC Emissions	07/07/87 (52FR25399) - N 12/20/89 (54FR52190) 12/20/89 (54FR5225) 10/05/90 (55FR40870)	12/19/95 (60FR65387)			EPA-450/3-83-021a EPA-450/3-89-27b EPA-450/3-89-27c EPA-600/3-89-057 EPA-600/3-89-63 EPA-600/3-89-279 EPA-600/3-89-008 EPA-450/3-89-27d EPA-450/3-91-003 EPA-450/3-91-004 EPA-450/3-90-021 EPA-454/R-94-016
	Cb, Eb	Method 29		12/19/95 (60FR65437) 09/20/94 (59FR48198) 09/11/96 (61FR47840) - R 12/19/95 (60FR65382) 12/19/95 (60FR65438) - N 08/25/97 (72FR44929) 08/30/99 (64FR47234) 08/30/99 (64FR47276)	12/19/95 (60FR65382) -A 04/25/96 (61FR18260) 04/25/96 (61FR18260) 08/25/97 (62FR45116) 08/25/97 (62FR45124) -A			
Portland Cement Plants	F	Kiln, clinker cooler	PM	08/17/71 09/10/85 (50FR36956) 09/11/96 (61FR47840)	12/23/71 12/14/88 (53FR50354)	10/22/79 (44FR60761) 09/10/85 (50FR36956)		APTD-0711 EPA-450/3-79-012 EPA-450/3-85-003a EPA-450/3-85-003b
		Notice of review & proposed amendments						
Nitric Acid Plants	G	Process equipment	NOX	08/17/71 09/11/96 (61FR47840)	12/23/71	06/19/79 04/05/84		APTD-0711 EPA-450/3-79-013a
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Sulfuric Acid Plants	H	Process equipment	SOX, acid mist	08/17/71 09/11/93 (61FR57850)	12/23/71	03/15/79 (44FR15742) 08/26/85 (50FR34461)		APTD-0711 EPA-450/3-79-003 EPA-450/3-85-012
Sulfuric Acid Plants 111 (d)		Process equipment	acid mist		10/18/77			EPA-450/2-77-019
Asphalt Concrete Plants	I	Process equipment Review & amendment of stds.	PM	06/11/73 09/11/96 (61FR47840)	03/08/74 01/24/86 (51FR3298) - A	08/31/79 (44FR51225) 01/24/86 (51FR3298) 04/10/86 (51FR12324)-C		EPA-450/2-72-003 APTD-1352a-b EPA-450/3-79-014 EPA-450/3-85-024
Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.

Petroleum Refineries	J	Fuel gas combustion devices	SO2	06/11/73 (38FR15406)	03/08/74 (39FR9308)	10/22/79 (44FR60761)		EPA-450/2-74-003 APTD-1352a-b EPA-450/3-79-008 EPA-450/3-86-011
		Claus sulfur recovery	SO2, reduced sulfur compounds , H2S	03/03/80 (45FR13991) - A 09/11/96 (61FR47840) - R 10/04/76 (41FR43866) 03/20/79 (44FR17120) - A	03/12/79 (44FR13480) - A 12/01/80 (45FR79452) - A 03/15/78 (43FR10866) 10/25/79 (44FR61542)	12/02/86 (51FR43572) 12/28/83 (48FR57238)		EPA-450/2-76-016a EPA-450/3-83-014
		FCCU Catalyst Regenerators	SOX Part., CO	01/17/84 (49FR2058) 11/08/85 (50FR46464) - R 06/11/73 (38FR15406) 08/30/76 (41FR36600)	10/22/79 (44FR60761) 03/08/74 (39FR9308) 06/24/77 (42FR32426) - A			EPA-450/3-82-013 EPA-450/2-74-003 APTD-1352a-b EPA-450/3-79-008
		Method 5F & 5B revision to Appendix A (sulfuric acid exclusion) Method 15A (alternative TRS method) Method 10A Method 16A & 16B		06/11/73 (38FR15406) 05/29/85 (50FR21863) 07/11/86 (51FR25212) 07/02/86 (51FR24164) 12/08/86 (51FR44075)	11/26/86 (51FR42839) 06/01/87 (52FR20391) 08/18/87 (52FR30674) 09/29/87 (52FR36408) 02/02/88 (53FR2914) - C			EPA-450/3-86-008
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Storage Vessels for Petroleum Liquids Construction after 6/11/73 & prior to 5/19/78	K	Gasoline, crude oil, & distillate storage tanks (>40,000 gal. capacity)	VOC	06/11/73 07/23/84 (49FR29713)	03/08/74 04/08/87 (52FR11420) 06/16/87 (52FR22779) - C			APTD-1352a-b EPA-450/2-74-003
Storage Vessels for Petroleum Liquids construction after 5/18/78	Ka	Gasoline, crude oil, & distillate storage tanks (>40k gal. capacity, vapor pressure >1.5) Equivalency determination/ amendment	VOC	05/18/78 07/23/84 (49FR29713) 04/29/81 (46FR23984)	04/04/80 12/18/80 (45FR83228) - C 04/08/87 (52FR11420) 12/01/82 (47FR54258)			
SOCMI CAR				10/28/98 (63FR57748)				
Storage Vessels (including Petroleum Liquid Storage Vessels) for which construction, reconst., or modification commenced after 7/23/84	Kb	Volatile organic liquid storage tanks >20k gal & 4psi or >40k gal. & 0.5 psi Flare revision	VOC	07/23/84 (49FR29713) 04/16/85 (50FR14941) 09/11/96 (61FR47840)	04/08/87 (52FR11420)			EPA-450/3-81-003a EPA-450/3-80-003a&b EPA-450/3-82-010
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Secondary Lead Smelters and Refineries	L	Blast & reverberatory furnaces, pot furnaces	PM	06/11/73 (38FR15406) 09/11/96 (61FR47840)	03/08/74 (39FR9308)	04/17/80 (45FR26304)		APTD-1352a-b EPA-450/2-74-003
Secondary Brass & Bronze Ingot Production Plants	M	Reverberatory and electric furnaces & blast furnaces	PM	06/11/73 (38FR15406) 05/23/84 (49FR21864) 09/11/96 (61FR47840)	03/08/74 (39FR9308) 10/30/84 (49FR43616)	06/19/79 (44FR35953) 05/23/84 (49FR21864)		APTD-1352a-b EPA-450/2-74-003 EPA-450/3-84-009
Iron and Steel Mills	N	Basic oxygen process furnaces (BOPF) Primary emission sources	PM Opacity std.	06/11/73 (38FR15406) 19/11/96 (61FR47480) 03/02/77 (39FR9308) 01/20/83 (48FR2658)	03/08/74 (39FR9318) 04/13/78 (43FR15602) 01/02/86 (51FR150)	 03/21/79 (44FR17460)		APTD-1352a-b EPA-450/2-74-003 EPA-450/3-78-116
Iron and Steel Mills (Revised)	Na	BOPF, hot metal and skimming stations	Fugitive PM	01/20/83 (46FR2058) 09/11/96 (61FR47840)	01/02/86 (51FR150)			EPA-450/3-82-005a EPA-450/3-82-005b
Sewage Treatment Plants	O	Sludge incinerators	PM	06/11/73 04/18/86 (51FR13424) 09/11/96 (61FR47840)	03/08/74 11/10/77 (42FR58520) - A 10/06/88 (53FR39412)	11/27/79 (44FR67934) 04/18/86 (51FR13424)		APTD-1352a-c EPA-450/3-79-010 EPA-450/3-84-010a&b
Primary Copper Smelters	P	Roaster, smelting furnace, converter dryers	SOX PM	10/16/74	01/15/76 11/01/77 - A 06/19/00 (63FR39326)	03/07/84 (49FR8572) 06/19/00 (63FR39326)		EPA-450/2-74-002a EPA-450/3-83-018a&b
Primary Zinc Smelters	Q	Roaster Sintering machine	SOX PM	10/16/74	01/15/76	10/08/82 (47FR44587)		EPA-450/2-74-002a
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Primary Lead Smelters	R	Sintering machine, electric smelting furnace, converter Blast or reverberatory furnace, sintering machine discharge end	SOX PM	10/16/74	01/15/76	10/08/82 (47FR44587)		EPA-450/2-74-002a
Primary Aluminum Reduction Plants	S	Pot lines & anode bake plants	Fluorides	10/23/74 (39FR37730) 09/19/78 (43FR42186) - A	01/26/76 (41FR3826) 06/30/80 (45FR44202)	12/11/86 (51FR44643)		EPA-450/2-74-020a-c EPA-450/2-78-025a EPA-450/3-79-026 EPA-450/3-86-010
Primary Aluminum Reduction Plants 111 (d)		Pot lines & anode bake plants	Fluorides	04/11/79 (Draft CTG)	04/17/80 (Final CTG)			EPA-450/2-78-049a&b
Phosphate Fertilizer Industry	T, U, V, W, X	Wet process phosphoric (phos.), Superphosphoric acid, Diammonium phosphate, Triple superphos. Prod., Granular trp. Superphos. Prod., Small facility exclusion for Subparts T, U, V, W	Fluorides	10/22/74 09/11/96 (61FR47840) 06/21/82 (47FR26750)	08/06/75 02/17/83 (48FR7128)	11/21/80		EPA-450/2-74-019a&b EPA-450/3-79-038R
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Phosphate Fertilizer Plants 111 (d)		Wet process phosphoric (phos.), Superphosphoric acid, Diammonium phosphate, Triple superphos. Prod., Triple superphos. stor.	Fluorides	05/12/76	03/01/77			
Coal Preparation Plants	Y	Air tables and thermal dryers	PM	10/24/74	01/15/76	04/14/81 (46FR21769) 04/03/89 (54FR13384)		EPA-450/2-74-021a-c EPA-450/3-80-022 EPA-450/3-88-001
Ferroalloy Production Facilities	Z	Specific furnaces	PM, CO	10/21/74	05/04/76	01/26/81 (46FR8033)		EPA-450/2-74-018a-c EPA-450/3-80-041
Steel Plants: Electric Arc Furnaces	AA Aaa	Electric arc furnaces	PM	10/21/74 08/17/83 (48FR37338) 09/11/96 (61FR47840) 03/02/99 (64FR10119) - A	09/23/75 10/31/84 (49FR43838) 03/02/99 (64FR10105) - A	04/21/80 (45FR26910)		EPA-450/2-74-017a&b EPA-450/3-79-033 EPA-450/3-82-020a
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Kraft Pulp Mills	BB	Digesters, lime, kiln recovery furnace, washer, evaporator, strippers, smelt & BLO tanks Recovery furnace, lime, kiln, smelt tank Alternat. Monitoring procedure Innovative technology waiver	Total reduced sulfur (TRS) PM	09/24/76 (41FR42012) 01/19/84 (49FR2448) - R 09/24/76 (41FR42012) 08/17/84 (49FR32987) - A 09/06/84 (49FR35156) 09/11/96 (61FR47840)	02/23/78 (43FR7568) 05/20/86 (51FR18538) 02/23/78 (43FR7568) 08/07/78 -A 06/17/85 (50FR25095) - W 02/14/85 (50FR6316) - A 02/25/85 (50FR7595) - C	01/19/84 (49FR2448) -R		EPA-450/2-76-014a&b EPA-450/3-83-017
Kraft Pulp Mills 111 (d)	D, Da E, Z BB	Digesters, lime, kiln recovery furnace, washer, evaporator, strippers, smelt & BLO tanks Recovery furnace, lime, kiln, smelt tank Method 3 & 3B	Total reduced sulfur (TRS) PM	02/23/78 02/23/78	05/22/79 05/22/79 03/01/89 (54FR8564)			EPA-450/2-78-003a&b
Glass Manuf. Plants	CC	Glass Melting furnace	PM	06/15/79 (44FR34840) 11/02/83 (48FR50671) - R 09/11/96 (61FR47840) - R	10/07/80 (45FR66742) 10/19/84 (49FR41030)			EPA-450/3-79-005a&b
Grain Elevators	DD	Truck, barge or ship, & railcar loading & unloading stations, & grain handling operations	PM	01/13/77 09/11/96 (61FR47840)	08/03/78 11/05/87 (52FR42434) - C	03/27/84 (49FR11750)		EPA-450/2-77-001a EPA-450/3-84-001

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Surface Coating Metal Furniture	EE	Each metal furniture surface coating operation Exemption of small metal furniture surface coating facilities using <1,000 gallons of coating/year	VOC	11/28/80 (45FR79390) 09/11/96 (61FR47840) 10/16/84 (49FR40542) - R	10/29/82 (47FR49278) 04/30/85 (50FR18247) - R			EPA-450/3-80-007a&b
Stationary Internal Combustion Engines	FF	Each IC engine	NOX	07/23/79 (44FR43152)				EPA-450/3-78-125
Stationary Gas Turbines	GG	Each gas turbine Large industrial turbines exempted from NOX std.	NOX, SOX	10/03/77 (42FR53782) 04/15/81 (46FR22005) - R 09/11/96 (61FR47840)	09/10/79 (44FR52792) 01/27/82 (47FR3767) 07/31/84 (49FR30672) - R 11/05/87 (52FR42434) - C	10/06/83 (48FR45701)		EPA-450/2-77-017a
Lime Manufact. Plants	HH	Rotary kiln, hydrator	PM	05/03/77 09/02/82 (47FR38832) - R 09/11/96 (61FR47840)	03/07/78 04/26/84 (49FR18076) 02/17/87 (52FR4773) - R			EPA-450/2-77-007a&b EPA-450/3-84-008
Sodium Carbonate	II	Calciners, dryers, bleachers	PM	10/15/80 (45FR68616)	09/22/81 (46FR46813) - W			EPA-450/3-80-29a
Degreasers (Organic Solvent Cleaners)	JJ	Cold cleaner, vapor degreaser, conveyorized degreaser	VOC, PCE, TCE, MCF, MC, FR 113	06/11/80 (45FR39766) 04/21/81 (46FR22768) ² 08/10/87 (52FR29548) - P 09/09/94 (59FR46602) - N				EPA-450/2-78-045a

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Lead Acid Battery Manufact. Plants	KK	Lead oxide production grid casting, paste mixing, three-process operation & lead reclamation	Lead	01/14/80 (45FR2790) 09/11/96 (61FR47840)	04/16/82 (47FR16564)			EPA-450/3-79-028a&b
Metallic Minerals	LL	Metallic mineral processing operations to metal reduction	PM	08/24/82 (47FR36859) 09/11/96 (61FR47840)	02/21/84 (49FR6458)			EPA-450/3-81-009a
Automobile and Light-Duty Truck Surface Coating Operations	MM	Prime, guide coat, & top coat operations at assembly plants Prime coat revision Innovative technology waiver “ ” “ ” Innovative technology waiver correction	VOC emissions	10/05/79 (44FR57792) 07/29/82 (47FR32743) - R 08/06/82 (47FR34342) 09/24/84 (49FR37548) 09/30/86 (51FR34898) 11/04/86 (51FR40043) - C 09/11/96 (61FR47840)	12/24/80 (45FR85410) 09/09/85 (50FR36830) 02/04/83 (48FR5452) 09/09/85 (50FR36830)			EPA-450/3-79-030a&b

Phosphate Rock Plants	NN	Grinding, drying & calcining facilities	PM	09/21/79 (44FR54970) 09/11/96 (61FR47840) - R	04/16/82 (47FR16582) 03/27/90 (55FR11338) - N			EPA-450/3-79-017a&b
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Perchloro-ethylene Dry Cleaning	OO	Dryer, washers, filters, stills, muck cookers	VOC	11/25/80 (45FR78174) 12/09/91 (56FR64382) - W 10/01/92 (57FR45363)	09/22/93 (58FR49354)			EPA-450/3-79-029a&b
Ammonium Sulfate Manufact.	PP	Ammonium sulfate dryer	PM	02/04/80 (45FR7758)	11/12/80 (45FR74846)	03/06/85 (50FR9055)		EPA-450/3-79-034a&b EPA-450/3-85-004
Graphic Arts Industry - Rotogravure	QQ	Each publication rotogravure printing press	VOC	01/28/80 (45FR71538)	11/08/82 (47FR50644) 01/10/83 (48FR1056) - C			EPA-450/3-80-031a&b
Pressure Sensitive Tapes & Labels Coating	RR	Adhesive coating line, release coating line, precoat coating line	VOC	12/30/80 (45FR86278) 09/11/96 (61FR47840)	10/18/83 (48FR48368)			EPA-450/3-80-003a&b
Indus. Surface Coating: Large Appliances	SS	Each surface coating operation	VOC	12/24/80 (45FR85085) 09/11/96 (61FR47840)	10/27/82 (47FR47778)			EPA-450/3-80-037a&b
Metal Coil Surface Coating	TT	Each prime coating operation, each finish coat operation	VOC	01/05/81 (46FR1102) 09/11/96 (61FR47840)	11/01/82 (47FR49606) 01/10/83 (48FR1056) - C 06/24/86 (51FR22938) - C			EPA-450/3-80-035a&b

Asphalt Process & Asphalt Roofing Manufacture	UU	Blowing stills, saturator, asphalt storage tanks, minerals handling, & storage facilities	PM	11/18/80 (45FR76427) 05/26/81 (46FR28180) - A 09/11/96 (61FR47840)	08/06/82 (47FR34147)			EPA-450/3-80-021a&b
SOCMI Equipment Leaks (Fugitive)	VV	Listed equipment (fugitive sources) grouped within a process unit	VOC	01/05/81 (46FR1136) 07/15/94 (59FR36130)	01/18/83 (48FR48328)			EPA-450/3-80-033a&b
Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
SOCMI CAR		Notice of "AID" availability Flare Revision		10/23/98 (63FR57748) 05/07/82 (47FR19724) 04/16/85 (50FR14941)	10/18/83 (48FR48328) 01/21/86 (51FR2699)			EPA-450/3-82-010 EPA-450/3-80-033a&b
Beverage Can Coatings	WW	Each exterior base coat operations, over-varnish coating operation & inside spray coating at 2 piece beverage can plants	VOC	11/26/80 (45FR78980) 09/11/96 (61FR48940)	08/25/83 (48FR38728)			EPA-450/3-80-036a&b
Bulk Gasoline Terminals	XX	Gasoline terminals – total of all loading racks	VOC	12/17/80 (45FR83126) 12/11/96 (61FR4780) - R	08/18/83 (48FR37578) 12/22/83 (48FR56580) - C			EPA-450/3-80-038a&b
[Reserved] ³	YY							

Residential Wood Heaters	AAA	Freestanding woodstoves & fireplace inserts Advance notice of proposed rulemaking Notice of rulemaking negotiation	PM	02/18/87 (52FR4994) 09/11/96 (61FR47840)	02/26/88 (53FR5860) 04/12/88 (53FR12009) - C 04/26/88 (53FR14888) - C 08/02/85 (50FR31504) 09/30/86 (51FR34672) 09/11/96 (61FR47840) - R 11/24/98 (63FR64869) - A			EPA-450/3-87-025
Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
Rubber Tires	BBB	Undertread cementing, tread end cementing, sidewall cementing, bead cementing, water-based green tire spraying, organic-based green tire spraying, Michelin-A, Michelin-B, & Michelin-C automatic	VOC	01/20/83 (48FR2676) 09/11/96 (61FR47840)	09/15/87 (52FR34868) 09/19/89 (54FR38634) - R			EPA-450/3-81-008a
Polymers and Resins	DDD	Raw material preparation, polymerization, material recovery, product storage process sections, fugitive emissions	VOC	09/30/87 (52FR36678) 01/10/89 (54FR890) - P 09/11/96 (61FR47840)	12/11/90 (55FR1010) 03/29/95 (60FR16090) - R 03/09/99 (64FR11560) (64FR1560) 05/07/99 (64FR24511)			EPA-450/3-83-019a EPA-450/3-80-033b
SOCMI CAR				10/28/98 (63FR57748)				

By-Products Coke Oven Battery Stacks 4	EEE	Coke Oven Battery	PM					
Flexible Vinyl and Urethane Coating Printing Operation	FFF	Rotogravure printing & coating of flexible vinyl products	VOC	01/18/83 (48FR2276) 10/11/83 (48FR46224) 09/11/96 (61FR47840)	06/29/84 (49FR26885)			EPA-450/3-81-016a&b
Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
Petroleum Refineries: Equipment Leaks	GGG	(1) Each compressor (2) Listed equipment (fugitive emission) sources grouped within a process unit Flare Revision	VOC	01/04/83 (48FR279) 04/16/85 (50FR1494) 09/11/96 61FR47840)	05/30/84 (49FR26885)			EPA-450/3-80-033b EPA-450/3-81-015a EPA-450/3-82-010 EPA-450/3-80-033a&b
Synthetic Fiber Production Facilities	HHH	Solvent-spun synthetic fiber manufacturing facilities	VOC	11/23/82 (47FR52932) 09/11/96 (61FR47840)	04/05/84 (49FR13646)			EPA-450/3-82-011a&b
SOCMI - Air Oxidation	III	Manufact. Of synthetic organic chemicals via air oxidation processes	VOC	10/21/83 (48FR48932) 05/16/85 (50FR20446) - P	06/29/90 (55FR26912)			EPA-450/3-82-001a EPA-450/3-82-001b
SOCMI CAR				10/28/98 (63FR57748)				

Petroleum Dry Cleaning	JJJ	Dry cleaning equipment in which petroleum solvent is used Response to petition for reconsideration and final amendments to rule	VOC	12/14/82 (47FR56118) 09/11/96 (61FR47840)	09/21/84 (49FR37328) 11/27/85 (50FR49022)			EPA-450/3-82-012a&b
Onshore Natural Gas Processing	KKK	Natural gas production facilities – equipment leaks of VOC Flare Revision	VOC	01/20/94 (49FR2636) 09/11/96 (61FR47840)	06/24/85 (50FR26122) 01/21/86 (51FR2699)			EPA-450/3-82-024a EPA-450/3-82-024b
Onshore Natural Gas Processing	LLL	Natural gas production	SO2	01/20/94 (49FR2656) 09/11/96 (61FR47840)	10/01/85 (50FR40158)			EPA-450/3-82-023a EPA-450/3-82-023b
Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
Coke Oven Wet Quenching	MMM	Conventional wet quenching facilities	PM					
Distillation Operations (SOCMI)	NNN	Each distillation column in petrol. Refinery & synthetic organic chem. Plant used in making one of 220 chemicals Flare Revision	VOC	12/30/83 (48FR57538) 05/16/85 (50FR20446) - P 04/16/85 (50FR14941) 10/28/98 (63FR57748)	06/29/90 (55FR26931) 11/27/95 (60FR58237) c&a			EPA-450/3-83-005a EPA-450/3-83-005b EPA-450/3-82-010 EPA-450/3-80-033a&B

Non-Metallic Minerals (includes light-weight aggregate, gypsum, & perlite)	OOO	Each crusher, grinding mill, screening operation, bucket conveyor, bagging operation, storage bin, enclosed truck or railcar loading station.	PM	08/31/83 (48FR39566) 09/11/96 (61FR47840)	08/01/85 (50FR31328) 06/27/96 (61FR33415) - N	01/26/96		EPA-450/3-83-001a EPA-450/3-83-001b
Wool Fiberglass Insulation Manufacturing	PPP	New, modified, & reconstructed wool fiberglass insulation manufacturing lines utilizing the rotary spin forming process	PM	02/07/84 (49FR4590) 09/11/96 (61FR47840)	02/25/85 (50FR7694)			EPA-450/3-83-022a
Pet. Refinery Wastewater Systems	QQQ	Individual drain systems, oil-water separators, drain systems with ancillary downstream wastewater components	VOC	05/04/87 (52FR6334) 07/15/94 (59FR36130)	11/23/88 (53FR47616)			EPA-450/3-85-001a EPA-450/3-85-001b
SOCMI Reactor Processes SOCMI CAR	RRR			06/29/90 (55FR26953)	08/31/93 (58FR45948) - S			EPA-450/3-85-005a
Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
Magnetic Tape Industry	SSS	Industrial paper ctg. (Foil & plastic film) Withdrawal - solvent storage tanks	VOC	01/22/86 (51FR2996) 11/25/86 (51FR42800) - W 10/11/96 (61FR47840) - R	10/03/88 (53FR38892)			EPA-450/3-85-029a EPA-450/3-85-029b

Plastic Parts for Business Machines Coatings	TTT	New, modified, & reconstructed facilities that surface coat plastic parts for business machines	VOC	01/08/86 (51FR854) 03/27/86 (51FR10556) - C 09/11/96 (61FR47840)	01/29/88 (53FR2672) 05/27/88 (53FR19300) - C			EPA-450/3-85-019a&b
Calciners & Dryers in Mineral Indust.	UUU	Mineral calciners and dryers at mineral processing plants	PM	04/23/86 (51FR15438) 04/29/86 (51FR15916) - C 09/11/96 (61FR47840)	09/28/92 (57FR44496) 07/29/93 (58FR40591) - A			EPA-450/3-85-025a
Polymeric Coatings	VVV	New, modified, & reconstructed facilities which perform polymeric coating of supporting substrates	VOC	04/30/87 (52FR15906)	09/11/89 (54FR37534)			EPA-450/3-85-022b
Municipal Solid Waste Landfills	WW W	New, modified MSW Landfills	Landfill Gas	05/30/91 (56FR24468) 06/21/93 (58FR33790)	03/12/96 (60FR9905)			EPA-450/R-94-021
Starch Production Plants	XXX	New, modified, & reconstructed facilities		09/08/94 (59FR46381) 09/11/96 (61FR47840) 10/18/96 (61FR54377) - W				EPA-453/R-94-060
SOCMI Wastewater	YYY	New, modified, & reconstructed facilities		09/12/94 (59FR46780) 11/28/94 (59FR60751) - P 10/11/95 (60FR52889) - N 12/09/98 (63FR67987)				EPA-453/R-94-064a
Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.

Industrial & Commercial Waste Incinerators & Other Solid Waste Incinerators				12/28/94 (59FR66850) - N				EPA-453/R-94-042a EPA-453/R-94-043 EPA-453/R-94-044a EPA-453/R-94-045a EPA-453/R-94-046a EPA-453/R-94-047a EPA-453/R-94-048a
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Status Of Standards Of Performance

National Emission Standards for Hazardous Air Pollutants 40 CFR 61

Contact: Starry Jones 919-541-5573 -(jones.starry@epa.gov)

Last Updated: 08/25/00

Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
General Provisions SOCMI CAR	A	Amendments to General Provisions	All Pollutants	06/06/84 (49FR23568) - R 04/16/85 (50FR14941) 08/11/93 (58FR42760) - A 10/28/98 (63FR57748)	11/07/85 (50FR46284) - R 03/16/94 (59FR12408)			EPA-450/3-80-033a&b EPA-450/3-82-010
Radionuclides Underground Uranium Mines ⁶	B							
Beryllium	C	Extraction plants, ceramic plants, foundries, incinerators, propellant plants, & machine operations	Beryllium	12/07/71 (36FR23239) 09/11/96 (61FR47840)	03/31/71 (36FR5931) - L 04/06/73 (38FR8826) 05/03/74 (39FR15396) - R			APTD-1503 APTD-0753
Beryllium, Rocket Motor Firing	D	Rocket motor firing	Beryllium	12/07/71 (36FR23239)	04/06/73 (38FR8826) 05/03/74 (39FR15396) - R			APTD-1503 APTD-0753
Mercury	E	Ore Processing, chloralkali manufacturing sludge incinerators	Mercury	12/07/71 (36FR23239) 10/25/74 (39FR38064) - A 12/26/84 (49FR50146) - R 10/14/75 (40FR48292) - A	03/31/71 - L 04/06/73 (38FR8826) 05/03/74 (38FR15396) - R 03/19/87 (52FR8724)	12/26/84 (49FR50146)		APTD-1503 APTD-0753 EPA-450/2-74-009a EPA-450/3-84-014 EPA-450/3-84-014b

Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
Vinyl Chloride	F	Ethylene dichloride manufacturing via O2 HCl, vinyl chloride manufacturing, polyvinyl chloride manufacture	Vinyl Chloride	12/24/75 (40FR59532) 06/02/77 (42FR28154) - A 01/09/85 (50FR1182) 09/21/89 (54FR38938)	12/24/75 - L 10/21/76 (41FR46560) 01/09/85 (50FR1182) - W 09/30/86 (51FR34904)			EPA-450/2-75-009a&b EPA-450/3-82-003 EPA-450/3-85-002 EPA-450/3-86-004
Emissions from Coke Oven Wet Coal Charging Topside Leaks, and Door Leaks	G	Wet-coal charged coke oven batteries	Coke Oven Emissions	04/23/87 (52FR13586) 09/20/87 (52FR36594) - P 12/04/92 (57FR57534) - P	09/18/84 (49FR36560) - L			EPA-450/3-85-028a
Benzene Emissions from Ethylbenzene Styrene 7	I	Denial of petition for reconsideration of withdrawl Alkylation reactor section, EB hydroperoxidation system Denial of petition for reconsideration of withdrawl	Benzene	08/23/85 (50FR34144) 07/28/88 (53FR28496) 12/18/80 (45FR83448) 03/06/84 (49FR8386) 08/23/85 (50FR34144) 07/28/88 (53FR28496)	06/06/84 (49FR23478) - W 10/02/84 (49FR38945) - C			EPA-450/3-79-035a EPA-450/3-84-003
Benzene Equip. Leaks	J	List equipment Denial of petition for reconsideration of withdrawl	Benzene	01/05/81 (46FR1165) 08/23/85 (50FR34144) 07/28/88 (53FR28496)	06/06/84 (49FR23498)			EPA-450/3-80-032a&b

Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
Benzene Emission Benzene Storage Tanks ⁸	K	Each storage tank Notice of additional emission date Denial of petition for reconsideration of withdrawal	Benzene	12/19/80 (45FR83952)	06/06/84 (49FR23478) - W 09/14/89 (54FR38044)			EPA-450/3-80-034a
				11/24/82 (47FR53058)				EPA-450/3-84-004
Benzene Emission from Coke By-Product Plants	L	Process equipment, storage facilities, equipment leaks, and sumps Flare revision	Benzene	06/06/84 (49FR23522)	09/14/89 (54FR38044)			EPA-450/3-83-016a
				08/27/84 (49FR33904) - P				EPA-450/3-83-016b
				04/16/85 (50FR14941)	09/19/91 (56FR47404)			EPA-450/3-80-033a
				07/28/88 (53FR28496)				EPA-450/3-82-010
				04/01/91 (56FR13368)				
				09/11/96 (61FR47840) - R				

Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
Asbestos	M	Asbestos mills; roadway surfacing (asbestos tailings); demolition; spraying, fabrication, waste disposal & insulating Manufacture of shotgun shells, renovation, fabrication, asphalt concrete, products containing asbestos Reaffirm work practice standards Final rule, correction Enforcement & Compliance	Asbestos	12/07/71 (36FR23239) 10/25/74 (39FR38064) - A 07/13/83 (48FR32126) - A 01/10/89 (54FR912) - R 09/11/96 (61FR47840) - R	03/31/71 (36FR5931) - L 04/06/73 (38FR8826) 05/03/74 (39FR15396) - R 10/14/75 (40FR48292) - A 03/02/77 (42FR12127) - A 06/19/78 (43FR26372) 04/05/84 (49FR13658) 03/10/86 (51FR8199) - C 11/20/90 (55FR48406) 10/05/93 (58FR51784)			APTD-150 APTD-0753 EPA-450/2-74-009a EPA-450/2-77-030 EPA-450/3-90/017
Inorganic Arsenic Emission from Glass Manufacturing Plants	N N	Melting Furnaces Melting Furnaces	Inorganic Arsenic	07/20/83 (48FR33112) 12/16/83 (48FR55880) 03/20/84 (49FR36877) - P 09/11/96 (61FR47840) - R	06/05/80 (45FR37886) - L 08/04/86 (51FR27956) 10/03/86 (51FR353654) - C 08/04/86 (51FR27956)			EPA-450/5-82-005 EPA-450/3-83-011a EPA-450/3-83-011b EPA-450/5-85-001

Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
Inorganic Arsenic Emission from Low Arsenic Feedstock Copper Smelter	O	Low arsenic smelters (smelting furnace & copper converter)	Inorganic Arsenic	07/20/83 (48FR33112) 12/16/83 (48FR55880) - P 09/20/84 (49FR36877) - P	08/04/86 (51FR27956) 10/03/86 (51FR35354) - C			EPA-450/3-83-010a EPA-450/3-83-010b EPA-450/5-85-001
Inorganic Arsenic Emission from High Arsenic Feedstock Copper Smelter	P	High arsenic smelters (copper converter) Test Methods 108B & 108C	Inorganic Arsenic	07/20/83 (48FR33112) 12/16/83 (48FR55880) - P 01/26/89	08/04/86 (51FR27956) 10/03/86 (51FR35354) - C			EPA-450/3-83-009a EPA-450/3-83-010b EPA-450/5-85-001
Radionuclides ⁹	Q-T							
Reserved	U							
Equipment Leaks	V	Listed Equipment Flare Revision	Volatile Hazardous Pollutants	01/05/81 (46FR1136) 04/16/85 (50FR14941) 09/11/96 (61FR47840) 10/28/98 (63FR57748)	06/06/84 (49FR23498) 01/21/86 (51FR2699)			EPA-450/3-80-033a EPA-450/3-80-032b EPA-450/3-80-033a&b
Uranium Mill Tailings ¹⁰	W							
Benzene Storage	Y			10/28/98 (63FR57748)				

Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
Benzene Emission from Chem. Mfg.	AA	Pharmaceutical Mfg.	Benzene	09/14/89 (54FR38083)	03/07/90 (55FR8292)			EPA-450/3-78-031 EPA-600/1-78-61
Process Vents, Indust. Solvent Use, Benzene Waste Oper.	BB	Benzene Transfer Operations	Benzene	05/02/90 (55FR18330) 09/11/96 (61FR47840)	10/31/90 (55FR45804)			EPA-450/5-84-001 EPA-600/X-85-022 EPA-450/3-80-028b EPA-450/3-87-001a
Benzene Transf. Oper. & Gasoline Marketing	CC DD EE FF GG	Gasoline Storage Vessels at Service Staions Bulk Gasoline Terminals Bulk Gasoline Plants Benzene Waste Operations Industrial Solv. Use at Rubber Tire Mfg. Facil.	Benzene Benzene Benzene Benzene Benzene		03/07/90 12/09/91 (FR64217) 01/06/93 (58FR3072) - A 03/23/93 (58FR15457) - N 09/11/96 (61FR47840)			EPA-450/3-81-008a EPA-450/3-87-026 EPA-450/3-80-038a EPA-450/3-88-038b EPA-450/3-84-012a EPA-450/3-84-012b EPA-450/3-84-001a EPA-450/3-84-012c

Status Of Standards Of Performance
National Emission Standards for Hazardous Air Pollutants
40 CFR 63

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Last updated: 08/25/00

Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
General Provisions	A	Amendments to Gen. Provisions	All HAPs	08/11/93 (58FR42760)	03/16/94 (59FR12408) 12/27/96 (61FR68384)			EPA-450/3-91-019a&b
SOCMI CAR				10/28/98 (63FR507748)				
Const., Reconstr. Or Modified Major Sources	B 112 (g)	Major Sources of HAPs	HAPs	04/01/94 (559FR15504)	12/27/96 (61FR68384) 06/30/99 (64FR35029) 04/21/00 (63FR21363)-N 05/25/00 (63FR34010)-W			EPA-450/3-92-010 EPA-450/R-93-035 EPA-450/3-92-007
Glycol Ethers Category ¹¹	C			01/12/99 (64FR1780)				

Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
Early Reductions	D		All HAPs	06/13/91 (56FR27338) 06/22/94 (59FR32165) - N	12/29/92 (57FR61970) 10/21/94 (59FR53109)			EPA-450/3-91-012a EPA-450/3-91-013
State Programs & Deleg. Of Fed. Authority 112 (1)	E	Major Sources of HAPS Tennessee	HAPs HAPs	05/19/93 (63FR29296)	11/26/93 (58FR62262) 04/25/96 (61FR18280)			EPA-453/R-93-040

HON	F,G,H, I,J,K	Process vents storage vessels, transfer racks, wastewater streams, and equipment leaks used to produce one or more of 396 SOCMI chemicals	Organic HAPS	12/31/92 (57FR62608) 02/26/93 (58FR11667) 02/29/96 (61FR7761) 08/26/96 (61FR43698) - A 08/22/97 (62FR44608) - C 08/22/97 (62FR44614) - A 05/05/98 (63FR24765)	04/22/94 (59FR19402) 06/06/94 (59FR29196) 09/20/94 (59FR48175) 10/24/94 (59FR53359) ¹² 10/28/94 (59FR54131) (59FR54154) 01/27/95 (60FR5320) 04/10/95 (60FR18020) 04/10/95 (60FR18071) - C 12/12/95 (60FR63624) 06/20/96 (61FR31435) - A 02/29/96 (61FR7761) 12/05/96 (61FR64572) - A 01/17/97 (62FR62722) - A 05/12/98 (63FR26078) 04/26/99 (64FR20189) 12/09/99 (63FR67787)			EPA-453/D-92-016a,b,c
SOCMI CAR		Appl & Storage, Process Vents & Eq. Leaks		10/28/98 (63FR57748)				
Regulation s governing & Eq. Emission Limitations by permit 112j	J	Any major source in a source category for which EPA misses a stat. Deadline by more than 18 mths	HAPS	05/10/96 (61FR21414) 04/16/99 (64FR18862)	05/20/94 (59FR26429) 05/10/96 (61FR21370) 04/16/99 (64FR18824) 05/14/99 (74FR26311)			

Coke Oven Batteries & Source Categories Dry Cleaning	L	Coke Oven Batteries	HAPS	12/04/92 (57FR57534)	10/27/93 (58FR57898)			EPA-450/3-91-020a EPA-450/3-91-021
	M	Dry Cleaning machines (at major and area sources)	Perchloro-ethylene	12/09/91 (56FR64382)	01/13/94 (59FR1992) - C 09/22/93 (58FR49354) 12/20/93 (58FR66287) - A 12/13/95 (60FR64002) - A			
				05/03/96 (61FR19887) - A	06/03/96 (61FR27785) - A 09/19/96 (61FR49263) - A 04/21/00 (63FR21363)-N 05/25/00 (63FR34010)-W			
Chromium Electrop-lating	N	Electroplating or Anodizing Tank	Chromium	12/16/93 (58FR65767)	01/25/95 (60FR4948) 05/24/95 (60FR27598) - C 06/27/95 (60FR33122) - C 12/13/95 (60FR64002) - A 06/03/96 (61FR27785) 09/11/96 (61FR47840) 01/30/97 (62FR4463) - I 08/11/97 (62FR42918)			EPA-453/R-93-030a EPA-453/R-93-030b EPA-453/R-93-031a EPA-453/R-94-082b
NESHAP Chrom. Emiss. Hard & Dec. Chrom. Electrop. & Anodiz. Tanks, E, Drycleanin g & Secondary Lead	N,O, MX	(See affect. Facilities under subparts)		12/13/95 (60FR64002) 08/18/99 (64FR45116) - A	(60FR33122) - C 12/13/95 (60FR64002) - A 06/03/96 (61FR27785)			
Ethylene Oxide	O	Ethylene Oxide Sterilizers	Ethylene Oxide	03/07/94 (59FR10591) 09/11/96 (61FR47840)	12/06/94 (59FR62585) 12/13/95 (60FR64002) - A 06/03/96 (61FR27785) 12/14/98 (63FR66990)			EPA-453/D-93-016

Sterilizers Industrial Process Cooling Towers	Q	Fumigators Ind. Process Cooling Towers using Chromium	Chromium	08/12/93 (58FR43028)	09/08/94 (59FR46339)			EPA-450/R-93-0220 EPA-453/R-94-041b
Gasoline Distribution	R	Total Bulk Terminal & Breakout Station	HAPS	02/08/94 (59FR5868) 09/11/96 (61FR47840) - R 02/28/97 (62FR9141)	08/19/94 (59FR42788) 12/14/94 (59FR64303) - N 02/08/95 (60FR7627) - C 06/26/95 (60FR32912) - C 11/07/95 (60FR56133) - A 11/16/95 (60FR57628) - C 12/08/95 (60FR62991) - S 02/29/96 (61FR7718) - A 02/28/97 (62FR9087)			EPA-453/R-94-002a EPA-453/R-94-002b
Pulp & Paper	S	Pulp & Paper & paperboard		12/17/93 (58FR66078) 02/22/95 (60FR9813) - N 03/08/96 (61FR9383) 07/15/96 (61FR36835) - N 04/15/98 (63FR18754) 12/28/98 (63FR71408) 09/16/98 (63FR49455) - A 04/12/99 (64FR17555)	04/15/98 (63FR18504) 12/28/98 (63FR71358)			EPA-453/R-93-050a
Halogenated Solvent Cleaning	A,T	Hal. Solvent Cleaning Machines at major and area sources	Perc. Methylene Chloride Trichloroethylene Chloroform Carbon tetrachloride (or Halogenated HAPS)	11/29/93 (58FR62566) 09/11/96 (61FR47840) 08/19/99 (64FR45221)	12/02/94 (59FR61801) 12/30/94 (59FR67750) - C 06/05/95 (60FR29484) - C 12/11/98 (63FR68397) 07/13/99 (64FR37633) 08/19/99 (64FR45187) 10/18/99 (64FR56173) - W			EPA-453/R-94-071

Polymers & Resins Group I	U	Existing & new facilities that mfg. elastomers		06/12/95 (60FR30801) 01/14/97 (62FR1869) - C 06/30/99 (64FR35107)	09/05/96 (61FR46906) 01/14/97 (62FR1835) - N 03/17/97 (62FR12546) - TM 07/15/97 (63FR37720) 03/09/99 (64FR11536) & (64FR11560) 05/07/99 (64FR24511) 06/30/99 (64FR35023) 06/19/00 (63FR38029)-A			EPA-453/R-95-005a
Epoxy Resins Production & Non-Nylon Polyamides Production	W	Existing & new facilities that mfg. polymers & resins	HAPS emitted from BLR wet strength resin production	05/16/94 (59FR25387)	03/08/95 (60FR12670)			EPA-453/R-94-033a EPA-453/R-95-001b
Secondary Lead Smelters	X	New & existing sec. Lead smelting	HAPS		06/09/94 (59FR29750) 04/19/95 (60FR19556) - A 06/13/97 (62FR32266) - A 08/24/98 (63FR45036)	06/23/95 (60FR32587) 12/13/95 (60FR64002)-A 06/03/96 (61FR27785) 12/12/96 (61FR65334)-A 06/13/97 (62FR32210)-A 08/24/98 (64FR4570) -C 01/29/99 (64FR4570) -C		EPA-450/R-94-024

Marine Tank Vessel Loading & Unloading Operations	Y	New & existing marine tank vessel & unloading operations	VOC & HAPS	05/13/94 (59FR25004) 08/31/94 (59FR44954) - N 03/08/95 (60FR12723) - P	09/19/95 (60FR12723) - P			EPA-450/3-92-001a
Phosphoric Acid Mfg. & Phosphate Fertilizers Production	AA	New & existing major sources in phosphoric acid mfg. & phosphate fertilizer production plants	HAPS emitted by the facilities	12/27/96 (61FR68430) - N 06/10/99 (64FR31358)				
Petroleum Refineries	CC	Petroleum Refinery Processes	HAPS	07/15/94 (59FR36130) 02/21/97 (62FR7977) 06/09/98 (63FR31398)	08/18/95 (60FR643244) - V 09/27/95 (60FR49976) - C 02/23/95 (61FR7051) - C 06/12/96 (61FR29876) - C 02/21/97 (62FR7937) 03/20/98 (63FR13533) DFR 06/09/98 (63FR44135) 11/30/99 (63FR65725)			EPA-450/2-78-036 EPA-453/R-95-015b
Source Category: Off-Site Waste & Recovery Operations	DD	Off-site Waste & Recovery Operations	HAPS	10/13/94 (59FR51913) 09/11/96 (61FR47840) 07/20/99 (64FR38992)	07/01/96 (61FR34141) 07/20/99 (64FR38950) - A			EPA-450/R-94-070a
Magnetic Tape Mfg. Operations	EE	Magnetic Tape Products & particles	VOC	03/11/94 (59FR11662) 03/22/94 (59FR65744) - P 09/11/96 (61FR47840) 04/09/99 (64FR17465)	12/15/94 (59FR64580) 04/09/99 (64FR17460)			EPA-453/R-93-059 EPA-453/R-94-074b

Aerospace Mfg. & Rework	GG	New & existing commercial civil & military aerospace orig. eq. Mfg. OEM & rework facilities that are major sources of HAPS	HAPS	06/06/94 (59FR29216) 08/01/94 (59FR38949) - P 11/22/94 (59FR60101) - P 10/29/96 (61FR55842) - A 08/22/97 (62FR44672) - N 03/27/98 (63FR15034)	09/01/95 (60FR45948) 02/09/96 (60FR4902) - C 12/17/96 (61FR66226) - C 03/27/98 (63FR15006) 04/10/98 (63FR17930)			EPA-453/R-94-036a
Oil and Natural Gas	HH	Oil & Natural Gas Production & natural gas transm. & storage facilities	HAPS	02/06/98 (63FR6288)	01/15/99 (64FR2610) - P 06/17/99 (64FR32610)			EPA-453/R-94-079a
Shipbuilding & Ship Repair	II	HAP-Surface Coat. Op. From new or existing shipbuilding or ship repair facilities		12/06/94 (59FR62681) 08/27/96 (61FR44050) - N 09/11/96 (61FR47840) 08/22/97 (62FR44672) - N	12/15/95 (60FR64330) 06/18/96 (61FR30810)			EPA-450/D-94-011a EPA-453/R-95-016a
Wood Furniture	JJ	Exist. & new wood furniture mfg. operations Methods 310, 312, & 313		12/06/94 (59FR62681) 06/12/95 (60FR30817) 09/11/96 (61FR47840) 06/09/97 (62FR31406) - A 08/22/97 (62FR44672) - N	12/07/95 (60FR62930) 05/20/96 (61FR25223) - N 09/26/96 (61FR50823) - N 06/03/97 (62FR30257) - C 06/09/97 (62FR31361) 06/24/98 (63FR34336) - A 12/28/98 (63FR71376) - A			EPA-453/R-95-018b
Printing and Publishing	KK	Existing and new sources		03/14/95 (60FR13664)	05/30/96 (61FR27132)			EPA-453/R-96-005b

Primary Aluminum Reduction Plants	LL	New & existing potline NESHAP paste production operation, & anode bake furnace		09/26/96 (61FR50586)	10/07/97 (62FR52384)			BID ¹³
Generic Waste Process Wastewater	SS,YY UU,T T	MACT determination for closed vents, equipment leaks		10/14/98 (63FR55178) 06/29/99 (64FR34950) - P	06/29/99 (64FR34854)			
Steel Pickling	CCC	New & existing facilities that pickle steel using acid solut. - 50% is HCL		09/18/97 (62FR49052)	06/22/99 (64FR33202)			EPA-453/R-97-012
Mineral Wool	DDD	New or existing sources NESHAPS in mineral wool production plants		05/08/97 (62FR25370) 02/12/99 (64FR7149)	06/01/99 (64FR29490) 06/01/99 (64FR29490)			EPA-450/3-91-030
Pharmaceuticals	GGG	HAPS from new & existing facilities that manufacture Pharmaceuticals		04/02/97 (62FR15754) 04/10/00 (63FR19151)-A	09/21/98 (63FR50280)			EPA-450/2-78-029
Flexible Polyurethane Foam Prod.	III	New or existing major sources of HAP; applies to manufacture of molded, slabstock, & rebond foam	HAPS	12/27/96 (61FR68406) 02/03/97 (62FR05074) - C	10/07/98 (63FR50280)			

Polymers & Resins IV	JJJ	Existing & new facilities that mfg. one or more Group IV polymers & resins		03/29/95 (60FR16090) 01/14/97 (62FR16090) 06/06/97 (62FR31038) - E 03/31/98 (64FR15345) 06/09/90 (64FR30453)	09/12/96 (61FR48208) 10/18/96 (61FR54342) - C 01/14/97 (62FR1835) - N 06/06/97 (62FR30993) - E 07/15/97 (62FR37720) 02/27/98 (63FR9944) - C 03/31/98 (63FR15312) 03/04/99 (64FR11560) - N & (64FR11560) 05/07/99 (64FR24511) 06/08/99 (64FR30406) 06/19/00 (63FR38029)-A			EPA-450/R-95-003a EPA-450/R-95-004a EPA-453/R-96-001b
Portland Cement Plants	LLL	New & existing sources Sources inPortland	HAPS	03/24/98 (63FR14182)	06/14/99 (69FR31897)			
Pesticide Active Ingredient Production	MMM	New & existing facilities that mfg. Pesticide Active Ingredient (PAI)	HAPS	11/10/97 (62FR60566) (P&N) 12/17/97 (62FR66049)	06/23/99 (64FR3550)			Basis and Purpose Documents ¹⁴
Wool Fiberglass	NNN	New & existing sources in wool fiberglass	HAPS	03/31/97 (62FR15228) 02/12/99 (64FR7149)	06/14/99 (64FR31695)			
Amino Pheneolic Resins	OOO	Existing & new	HAPS	12/14/98 (63FR48890)	01/20/00 (64FR3276) 02/22/00 (63FR8768)-C			
Polyether Polyols Prod.	PPP	Existing & new facilities that mfg. polyther polyols & located @ major source plant sites	HAPS	09/04/97 (62FR46804) 10/20/97 (62FR54410) - C	06/01/99 (64FR29420) 06/14/99 (64FR31895) - C 04/21/00 (63FR26491)-DF 07/06/00 (63FR41594)-W			EPA-453/R-97-003a
Primary Copper	QQQ	New & existing primary copper smelters	HAPS	04/20/98 (63FR19582) 06/26/00 (63FR39326)-S				

Secondary Aluminum	RRR	New & existing sources @ secondary aluminum	HAPS	02/11/99 (64FR694)	03/23/00 (65FR15690)			
Primary Lead Smelters	TTT	New & existing Primary Lead Smelters	HAPS	04/17/98 (63FR19200) 02/12/99 (64FR7149)	06/04/99 (64FR30194)			
Petroleum Refineries	UUU	New & existing cat Cracking unit	HAPS	09/11/98 (63FR56707)				
Publicly Owned Treatment Works (POTW)	VVV	New & Reconstructed Treatment plants	HAPS	12/11/98 (63FR66084)	10/26/99 (64FR57572) - F			
Ferroalloys Production	XXX	New & existing ferronickel production facilities	HAPS	08/04/98 (63FR41508) 10/22/98 (63FR56707) 02/12/99 (64FR7149) 10/13/98 (63FR54646)	05/20/99 (64FR27450)			
Solvent Extraction for Vegetable Oil Production	GGGG		HAPS	05/26/00 (63FR34251)				
Wet Formed Fiberglass Mat Production	HHH H		HAPS	05/26/00 (63FR34277)				
Metal Coil (Surface Coating) Industry	SSSS		HAPS	07/18/00 (63FR44616)				
Boat Mfg	VVVV		HAPS	07/14/00 (63FR43842)				

<p>Electric Utility HAP Study Final Report to Congress</p> <p>HAPS List</p>		<p>All HAPS</p>		<p>03/03/98 (63FR10378)</p> <p>06/23/99 (63FR33453)</p> <p>07/19/99 (64FR38668) - N</p>				
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Status Of Standards Of Performance
RCRA¹⁵ Section 3004 (n) Air Emission Standards
40 CFR 264 and 265

Contact: Starry Jones 919-541-5573 (jones.starry@epa.gov)

Last updated: 08/25/00

Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
Hazardous Waste Treatment Storage and Disposal Facilities	A	General			07/06/99 (64FR36486)			
	C	Equipment Leaks	Volatile	02/05/87	06/21/90			
	AA	Process Vents	Volatile organic emissions	02/05/87 (52FR3748) 07/22/97 (56FR83490)	06/21/90 (55FR25454) 04/26/91 (56FR19290) - A			
	BB	Equipment Leaks	Volatile organic emissions	02/05/87 (52FR3748) 07/22/91 (56FR83490)	06/21/90 (55FR25454) 04/26/91 (56FR25454) - A			
	CC	Tanks, Surface Imp. & Containers		07/22/91 (56FR83490)	12/06/94 (59FR62896) 11/25/96 (61FR59931) - A 02/09/96 (61FR4903) - A 01/21/99 (64FR3382)	12/08/97 (62FR64636)		EPA-450/3-89-023a/b/c
Project XL	AAA AA BB CC	Site Specific Rulemaking for Merc & Co., Inc. Stonewall Plant		12/07/98 (63FR67562) 12/28/98 (63FR71411)	10/08/97 (52FR52622)			

**Status Of Standards Of Performance
Toxic Substances Control Act, Subchapter R
40 CFR749**

Contact: Starry Jones (919)541-5573 (jones.starry@epa.gov)

Last updated: 08/25/00

Source Categories	Sub Part	Affected Facility & Notes	Pollutant	Proposal Date	Promulgation Date	Review	Direct Final	Bid No.
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Chromium Comfort Cooling Towers	D	Water Treatment Chemical Vendors Comfort Cooling Towers	Hexavalent Chromium	03/29/88 (53FR10206)	01/03/90 (55FR222)			EPA-450/3-87-010a&b

U.S. EPA/Office of Air Quality Planning and Standards
Emission Standards Division (MD - 13)
Research Triangle Park, NC 27711

KEY:

- A - amendment
- C - correction
- L - listing
- N - notice
- P - reop. for publ. commit.
- R - revision
- W - withdrawal
- S- supplemental
- DF-direct final

Notes:

1. National Emission Standards for Hazardous Air Pollutants: Revision of Source Category List and Schedule for Standards Under Section 112 of the Clean Air Act: 11/18/99 (64FR63025)

2. Applicability date deferred
3. Formerly assigned to Electric ARC Furnaces in a Ferrous Foundry
4. At present no NSPS to be developed
5. At present no NSPS to be developed
6. Handled by Office of Radiation in Washington, DC
7. Subpart number reassigned to Radionuclides after withdrawal of proposed NESHAP. Radionuclides handled by Office of Air and Radiation, Washington, DC
8. Subpart number reassigned to Radionuclides after withdrawal of proposed NESHAP. Radionuclides handled by Office of Air and Radiation, Washington, DC
9. Handled by Office of Radiation in Washington, DC
10. Handled by Office of Radiation in Washington, DC
11. Modifies definition of HAPS Glycol Ethers
12. Partial Stay
13. BID NESHAP for Primary Aluminum Reduction Plants on the TTN under CAA Recently Signed Rules
14. Basis and Purpose and Supplementary Information Documents available on TTN
15. Resource Conservation and Recovery Act