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Chemical name ^{a,b}	CAS No. ^c	Chemical name ^{a,b}	CAS No. ^c
Methyl tert-butyl ether	1634044	Toluidine (o-)	95534
Methylene chloride (Dichloromethane)	75092	Trichlorobenzene (1,2,4-)	120821
Methylene diphenyl diisocyanate (4,4'-) (MDI) ...	101688	Trichloroethane (1,1,1-) (Methyl chloroform)	71556
Methylenedianiline (4,4'-)	101779	Trichloroethane (1,1,2-) (Vinyl trichloride)	79005
Naphthalene	91203	Trichloroethylene	79016
Naphthalene sulfonic acid (α)	85472	Trichlorophenol (2,4,5-)	95954
Naphthalene sulfonic acid (β)	120183	Triethylamine	121448
Naphthol (α)	90153	Trimethylpentane (2,2,4-)	540841
Naphthol (β)	135193	Vinyl acetate	108054
Naphtholsulfonic acid (1-)	567180	Vinyl chloride (Chloroethylene)	75014
Naphthylamine sulfonic acid (1,4-)	84866	Vinylidene chloride (1,1-Dichloroethylene)	75354
Naphthylamine sulfonic acid (2,1-)	81163	Xylenes (NOS)	1330207
Naphthylamine (1-)	134327	Xylene (m-)	108383
Naphthylamine (2-)	91598	Xylene (o-)	95476
Nitronaphthalene (1-)	86577	Xylene (p-)	106423
Nitrobenzene	98953		
Nitrophenol (p-)	100027		
Nitropropane (2-)	79469		
Phenanthrene	85018		
Phenol	108952		
Phenylenediamine (p-)	106503		
Phosgene	75445		
Phthalic anhydride	85449		
Propiolactone (beta-)	57578		
Propionaldehyde	123386		
Propylene dichloride (1,2-Dichloropropane)	78875		
Propylene oxide	75569		
Pyrene	129000		
Quinone	106514		
Styrene	100425		
Tetrachloroethane (1,1,2,2-)	79345		
Tetrachloroethylene (Perchloroethylene)	127184		
Tetrahydronaphthalene	119642		
Toluene	108883		
Toluene diamine (2,4-)	95807		
Toluene diisocyanate (2,4-)	584849		

^a For all Listings above containing the word "Compounds," 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) as part of that chemical's infrastructure.

^b Isomer means all structural arrangements for the same number of atoms of each element and does not mean salts, esters, or derivatives.

^c CAS No.=Chemical Abstract Service number.

^d Includes mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH₂ CH_{2n}-OR where:
n=1, 2, or 3;
R=alkyl or aryl groups; and
R'=R, H or groups which, when removed, yield glycol ethers with the structure:
R-(OCH₂ CH_{2n}-OH
Polymers are excluded from the glycol category.

[62 FR 2735, Jan. 17, 1997, as amended at 71 FR 76614, Dec. 21, 2006]

TABLE 3 TO SUBPART F OF PART 63—GENERAL PROVISIONS APPLICABILITY TO SUBPARTS F, G, AND H^A TO SUBPART F

Reference	Applies to subparts F, G, and H	Comment
63.1(a)(1)	Yes	Overlap clarified in § 63.101, § 63.111, § 63.161.
63.1(a)(2)	Yes	
63.1(a)(3)	Yes	§ 63.110 and § 63.160(b) of subparts G and H identify which standards are overridden.
63.1(a)(4)	No	Subpart F specifies applicability of each paragraph in subpart A to subparts F, G, and H.
63.1 (a)(5)–(a)(9)	No	
63.1(a)(10)	No	Subparts F, G, and H specify calendar or operating day.
63.1(a)(11)	No	Subpart F § 63.103(d) specifies acceptable methods for submitting reports. ^a
63.1 (a)(12)–(a)(14)	Yes	
63.1(b)(1)	No	Subpart F specifies applicability.
63.1(b)(2)	Yes	
63.1(b)(3)	No	
63.1(c)(1)	No	Subpart F specifies applicability.
63.1(c)(2)	No	Area sources are not subject to subparts F, G, and H.
63.1(c)(3)	No	
63.1(c)(4)	Yes	
63.1(c)(5)	No	Subparts G and H specify applicable notification requirements.
63.1(d)	No	
63.1(e)	No	Subparts F, G, and H established before permit program.
63.2	Yes	Subpart F § 63.101(a) specifies those subpart A definitions that apply to the HON. Subpart F definition of "source" is equivalent to subpart A definition of "affected source." Units of measure are spelled out in subparts F, G, and H.
63.3	No	
63.4 (a)(1)–(a)(3)	Yes	
63.4(a)(4)	No	This is a reserved paragraph in subpart A of part 63.
63.4(a)(5)	Yes	
63.4(b)	Yes	
63.4(c)	Yes	
63.5(a)(1)	Yes	Except the terms "source" and "stationary source" in § 63.5(a)(1) should be interpreted as having the same meaning as "affected source."

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Reference	Applies to subparts F, G, and H	Comment
63.5(a)(2)	Yes.	
63.5(b)(1)	Yes	Except § 63.100(l) defines when construction or reconstruction is subject to standards for new sources.
63.5(b)(2)	No	This is a reserved paragraph in subpart A of part 63.
63.5(b)(3)	Yes.	
63.5(b)(4)	Yes	Except the cross reference to § 63.9(b) is limited to § 63.9(b) (4) and (5). Subpart F overrides § 63.9 (b)(1) through (b)(3).
63.5(b)(5)	Yes.	
63.5(b)(6)	Yes	Except § 63.100(l) defines when construction or reconstruction is subject to standards for new sources.
63.5(c)	No	This is a reserved paragraph in subpart A of part 63.
63.5(d)(1)(i)	No	For subpart G, see § 63.151(b) (2)(ii) and (2)(iii) for the applicability and timing of this submittal; for subpart H, see § 63.182(b) (2)(ii) and (b)(2)(iii) for applicability and timing of this submittal.
63.5(d)(1)(ii)	Yes	Except § 63.5(d)(1)(ii)(H) does not apply.
63.5(d)(1)(iii)	No	Subpart G requires submittal of the Notification of Compliance Status in § 63.152(b); subpart H specifies requirements in § 63.182(c).
63.5(d)(2)	No.	
63.5(d)(3)	Yes—subpart G No—subpart H.	Except § 63.5(d)(3)(ii) does not apply to subpart G.
63.5(d)(4)	Yes.	
63.5(e)	Yes.	
63.5(f)(1)	Yes.	
63.5(f)(2)	Yes	Except the cross-reference to § 63.5(d)(1) is changed to § 63.151(b)(2)(ii) of subpart G and to § 63.182(b)(2)(ii) of subpart H. The cross-reference to § 63.5(b)(2) does not apply.
63.6(a)	Yes.	
63.6(b)(1)	No	Subparts F and H specify compliance dates for sources subject to subparts F, G, and H.
63.6(b)(2)	No.	
63.6(b)(3)	Yes.	
63.6(b)(4)	No	May apply when standards are proposed under Section 112(f) of the Clean Air Act.
63.6(b)(5)	No	Subparts G and H include notification requirements.
63.6(b)(6)	No.	
63.6(b)(7)	No.	
63.6(c)(1)	No	Subpart F specifies the compliance dates for subparts G and H.
63.6(c)(2)	No.	
63.6(c)(3)	No.	
63.6(c)(4)	No.	
63.6(c)(5)	Yes.	
63.6(d)	No.	
63.6(e)	Yes	Except as otherwise specified for individual paragraphs. Does not apply to Group 2 emission points unless they are included in an emissions average. ^b
63.6(e)(1)(i)	No	This is addressed by § 63.102(a)(4) of subpart F.
63.6(e)(1)(ii)	Yes.	
63.6(e)(1)(iii)	Yes.	
63.6(e)(2)	Yes.	
63.6(e)(3)(i)	Yes	For subpart H, the startup, shutdown, and malfunction plan requirement of § 63.6(e)(3)(i) is limited to control devices subject to the provisions of subpart H and is optional for other equipment subject to subpart H. The startup, shutdown, and malfunction plan may include written procedures that identify conditions that justify a delay of repair.
63.6(e)(3)(i)(A)	No	This is addressed by § 63.102(a)(4).
63.6(e)(3)(i)(B)	Yes.	
63.6(e)(3)(i)(C)	Yes.	
63.6(e)(3)(ii)	Yes.	
63.6(e)(3)(iii)	No	Recordkeeping and reporting are specified in § 63.103(c)(2) of subpart F and § 63.152(d)(1) of subpart G.
63.6(e)(3)(iv)	No	Recordkeeping and reporting are specified in § 63.103(c)(2) of subpart F and § 63.152(d)(1) of subpart G.
63.6(e)(3)(v)	No	Records retention requirements are specified in § 63.103(c).
63.6(e)(3)(vi)	Yes.	
63.6(e)(3)(vii)	Yes.	
63.6(e)(3)(vii)(A)	Yes.	
63.6(e)(3)(vii)(B)	Yes	Except the plan must provide for operation in compliance with § 63.102(a)(4).
63.6(e)(3)(vii)(C)	Yes.	
63.6(e)(3)(viii)	Yes.	
63.6(e)(3)(ix)	Yes.	
63.6(f)(1)	No	§ 63.102(a) of subpart F specifies when the standards apply.
63.6(f)(2)(i)	Yes.	
63.6(f)(2)(ii)	Yes—subpart G No—subpart H.	§ 63.152(c)(2) of subpart G specifies the use of monitoring data in determining compliance with subpart G.

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Reference	Applies to subparts F, G, and H	Comment
63.6(f)(2)(iii) (A), (B), and (C)	Yes.	
63.6(f)(2)(iii)(D)	No.	
63.6(f)(2)(iv)	Yes.	
63.6(f)(2)(v)	Yes.	
63.6(f)(3)	Yes.	
63.6(g)	No	Procedures specified in § 63.102(b) of subpart F.
63.6(h)	No.	
63.6(i)(1)	Yes.	
63.6(i)(2)	Yes.	
63.6(i)(3)	No	For subpart G, § 63.151(a)(6) specifies procedures; for subpart H, § 63.182(a)(6) specifies procedures.
63.6(i)(4)(i)(A)	Yes.	
63.6(i)(4)(i)(B)	No	Dates are specified in § 63.151(a)(6)(i) of subpart G and § 63.182(a)(6)(i) of subpart H.
63.6(i)(4)(ii)	No.	
63.6(i) (5)–(14)	Yes.	
63.6(i)(15)	No.	
63.6(i)(16)	Yes.	
63.6(j)	Yes.	
63.7(a)(1)	No	Subparts F, G, and H specify required testing and compliance demonstration procedures.
63.7(a)(2)	No	For subpart G, test results must be submitted in the Notification of Compliance Status due 150 days after compliance date, as specified in § 63.152(b); for subpart H, all test results subject to reporting are reported in periodic reports.
63.7(a)(3)	Yes.	
63.7(b)	No.	
63.7(c)	No.	
63.7(d)	Yes.	
63.7(e)(1)	Yes.	
63.7(e)(2)	Yes.	
63.7(e)(3)	No	Subparts F, G, and H specify test methods and procedures.
63.7(e)(4)	Yes.	
63.7(f)	No	Subparts F, G, and H specify applicable methods and provide alternatives.
63.7(g)	No	Performance test reporting specified in § 63.152(b) of subpart G; Not applicable to subpart H because no performance test required by subpart H.
63.7(h)(1)	Yes.	
63.7(h)(2)	Yes.	
63.7(h)(3)	No	§ 63.103(b)(5) of subpart F specifies provisions for requests to waive performance tests.
63.7(h)(4)	No.	
63.7(h)(5)	Yes.	
63.8(a)(1)	Yes.	
63.8(a)(2)	No.	
63.8(a)(3)	No.	
63.8(a)(4)	Yes.	
63.8(b)(1)	Yes.	
63.8(b)(2)	No	Subparts G and H specify locations to conduct monitoring.
63.8(b)(3)	Yes.	
63.8(c)(1)(i)	Yes.	
63.8(c)(1)(ii)	No	For subpart G, submit as part of periodic report required by § 63.152(c); for subpart H, retain as required by § 63.181(g)(2)(ii).
63.8(c)(1)(iii)	Yes.	
63.8(c)(2)	Yes.	
63.8(c)(3)	Yes.	
63.8(c)(4)	No	Subpart G specifies monitoring frequency by kind of emission point and control technology used (e.g., § 63.111, § 63.120(d)(2), § 63.143, and § 63.152(f)); subpart H does not require use of continuous monitoring systems.
63.8 (c)(5)–(c)(8) ..	No.	
63.8(d)	No.	
63.8(e)	No.	
63.8 (f)(1)–(f)(3) ..	Yes.	
63.8(f)(4)(i)	No	Timeframe for submitting request specified in § 63.151(f) or (g) of subpart G; not applicable to subpart H because subpart H specifies acceptable alternative methods.
63.8(f)(4)(ii)	Yes.	
63.8(f)(4)(iii)	No.	
63.8(f)(5)(i)	Yes.	
63.8(f)(5)(ii)	No.	
63.8(f)(5)(iii)	Yes.	
63.8(f)(6)	No	Subparts G and H do not require continuous emission monitoring.
63.8(g)	No	Data reduction procedures specified in § 63.152(f) and (g) of subpart G; not applicable to subpart H.
63.9(a)	Yes.	
63.9(b)(1)	No	Specified in § 63.151(b)(2) of subpart G; specified in § 63.182(b) of subpart H.
63.9(b)(2)	No	Initial Notification provisions are specified in § 63.151(b) of subpart G; in § 63.182(b) of subpart H.

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Reference	Applies to subparts F, G, and H	Comment
63.9(b)(3)	No.	
63.9(b)(4)	Yes	Except that the notification in § 63.9(b)(4)(i) shall be submitted at the time specified in § 63.151(b)(2)(ii) of subpart G; in § 63.182(b)(2) of subpart H.
63.9(b)(5)	Yes	
63.9(c)	Yes.	Except that the notification in § 63.9(b)(5) shall be submitted at the time specified in § 63.151(b)(2)(ii) of subpart G; in § 63.182 (b)(2) of subpart H.
63.9(d)	Yes.	
63.9(e)	No.	
63.9(f)	No.	
63.9(g)	No.	
63.9(h)	No	§ 63.152(b) of subpart G and § 63.182 (c) of subpart H specify Notification of Compliance Status requirements.
63.9(i)	Yes.	
63.9(j)	No.	
63.10(a)	Yes.	
63.10(b)(1)	No	§ 63.103(c) of subpart F specifies record retention requirements.
63.10(b)(2)	No	
63.10(b)(3)	No.	§ 63.103(c) of subpart F specifies required records.
63.10(c)	No.	
63.10(d)(1)	No.	
63.10(d)(2)	No	§ 63.152(b) of subpart G specifies performance test reporting; not applicable to subpart H.
63.10(d)(3)	No.	
63.10(d)(4)	Yes.	
63.10(d)(5)	Yes	Except that reports required by § 63.10(d)(5) shall be submitted at the time specified in § 63.152(d) of subpart G and in § 63.182(d) of subpart H.
63.10(e)	No.	
63.10(f)	Yes.	
63.11–63.15	Yes.	

^a Wherever subpart A specifies "postmark" dates, submittals may be sent by methods other than the U.S. Mail (e.g., by fax or courier). Submittals shall be sent by the specified dates, but a postmark is not necessarily required.
^b The plan, and any records or reports of start-up, shutdown, and malfunction do not apply to Group 2 emission points unless they are included in an emissions average.

[62 FR 2737, Jan. 17, 1997, as amended at 71 FR 20456, Apr. 20, 2006]

TABLE 4 TO SUBPART F OF PART 63—ORGANIC HAZARDOUS AIR POLLUTANTS SUBJECT TO COOLING TOWER MONITORING REQUIREMENTS IN § 63.104

Chemical name	CAS Number ^a	Chemical name	CAS Number ^a
Acetaldehyde	75070	Dichloroethane (1,2-) (Ethylene dichloride) (EDC)	107062
Acetonitrile	75058	Dichloroethyl ether (Bis(2-chloroethyl)ether)	111444
Acetophenone	98862	Dichloropropene (1,3-)	542756
Acrolein	107028	Diethylene glycol diethyl ether	112367
Acrylonitrile	107131	Diethylene glycol dimethyl ether	111966
Allyl chloride	107051	Diethyl sulfate	64675
Aniline	62533	Dimethylaniline (N,N-)	121697
Anisidine (o-)	90040	Dimethylhydrazine (1,1-)	57147
Benzene	71432	Dimethyl phthalate	131113
Benzyl chloride	100447	Dimethyl sulfate	77781
Biphenyl	92524	Dinitrophenol (2,4-)	51285
Bromoform	75252	Dinitrotoluene (2,4-)	121142
Butadiene (1,3-)	106990	Dioxane (1,4-) (1,4-Diethyleneoxide)	123911
Carbon disulfide	75150	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	106898
Carbon tetrachloride	56235	Ethyl acrylate	140885
Chloroacetophenone (2-)	532274	Ethylbenzene	100414
Chlorobenzene	108907	Ethyl chloride (Chloroethane)	75003
2-Chloro-1,3-butadiene (Chloroprene)	126998	Ethylene dibromide (Dibromoethane)	106934
Chloroform	67663	Ethylene glycol dimethyl ether	110714
Cresol and cresylic acid (o-)	95487	Ethylene glycol monobutyl ether	111762
Cresol and cresylic acid (m-)	108394	Ethylene glycol monobutyl ether acetate	112072
Cresol and cresylic acid (p-)	106445	Ethylene glycol monoethyl ether acetate	111159
Cumene	98828	Ethylene glycol monoethyl ether	110805
Dichlorobenzene (p-)	106467	Ethylene glycol monomethyl ether	109864
Dichlorobenzidine (3,3'-)	91941	Ethylene glycol monomethyl ether acetate	110496
		Ethylene glycol monopropyl ether	2807309
		Ethylene oxide	75218
		Ethylidene dichloride (1,1-Dichloroethane)	75343
		Formaldehyde	50000
		Hexachlorobenzene	118741
		Hexachlorobutadiene	87683