

## §63.808

(1) The first report shall be submitted 30 calendar days after the end of the first 6-month period following the compliance date.

(2) Subsequent reports shall be submitted 30 calendar days after the end of each 6-month period following the first report.

(3) The semiannual reports shall include the information required by § 63.804(g) (1), (2), (3), (5), (7), and (8), a statement of whether the affected source was in compliance or non-compliance, and, if the affected source was in noncompliance, the measures taken to bring the affected source into compliance.

(4) The frequency of the reports required by paragraph (c) of this section shall not be reduced from semiannually regardless of the history of the owner's or operator's compliance status.

(d) The owner or operator of an affected source demonstrating compliance in accordance with § 63.804(g) (4) and (6) of this subpart shall submit the excess emissions and continuous monitoring system performance report and summary report required by § 63.10(e) of subpart A. The report shall include the monitored operating parameter values required by § 63.804(g) (4) and (6). If the source experiences excess emissions, the report shall be submitted quarterly for at least 1 year after the excess

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emissions occur and until a request to reduce reporting frequency is approved, as indicated in § 63.10(e)(3)(C). If no excess emissions occur, the report shall be submitted semiannually.

(e) The owner or operator of an affected source required to provide a written notification under § 63.803(1)(4) shall include in the notification one or more statements that explains the reasons for the usage increase. The notification shall be submitted no later than 30 calendar days after the end of the annual period in which the usage increase occurred.

### §63.808 Delegation of authority.

(a) In delegating implementation and enforcement authority to a State under § 112(d) of the Clean Air Act, the authorities contained in paragraph (b) of this section shall be retained by the Administrator and not transferred to a State.

(b) The authority conferred in § 63.804(f)(4)(iv) (D) and (E), § 63.804(g)(4)(iii)(C), § 63.804(g)(4)(vi), § 63.804(g)(6)(vi), § 63.805(a), § 63.805(d)(2)(V), and § 63.805(e)(1) shall not be delegated to any State.

### §§ 63.809–63.819 [Reserved]

## TABLES TO SUBPART JJ TO PART 63

TABLE 1.—GENERAL PROVISIONS APPLICABILITY TO SUBPART JJ

Reference	Applies to sub-part JJ	Comment
63.1(a) .....	Yes	
63.1(b)(1) .....	No .....	Subpart JJ specifies applicability.
63.1(b)(2) .....	Yes	
63.1(b)(3) .....	Yes	
63.1(c)(1) .....	No .....	Subpart JJ specifies applicability.
63.1(c)(2) .....	No .....	Area sources are not subject to subpart JJ.
63.1(c)(4) .....	Yes	
63.1(c)(5) .....	Yes	
63.1(e) .....	Yes	
63.2 .....	Yes .....	Additional terms are defined in 63.801(a) of subpart JJ. When overlap between subparts A and JJ occurs, subpart JJ takes precedence. Other units used in subpart JJ are defined in 63.801(b).
63.3 .....	Yes .....	
63.4 .....	Yes	
63.5 .....	Yes	
63.6(a) .....	Yes	
63.6(b)(1) .....	Yes	
63.6(b)(2) .....	Yes	
63.6(b)(3) .....	Yes	
63.6(b)(4) .....	No .....	May apply when standards are proposed under Section 112(f) of the CAA.
63.6(b)(5) .....	Yes	
63.6(b)(7) .....	Yes	
63.6(c)(1) .....	Yes	
63.6(c)(2) .....	No	
63.6(c)(5) .....	Yes	
63.6(e)(1) .....	Yes	
63.6(e)(2) .....	Yes	

**Environmental Protection Agency**
**Pt. 63, Subpt. JJ, Table 2**
**TABLE 1.—GENERAL PROVISIONS APPLICABILITY TO SUBPART JJ—Continued**

Reference	Applies to sub-part JJ	Comment
63.6(e)(3) .....	Yes	Applies only to affected sources using a control device to comply with the rule.
63.6(f)(1) .....	No .....	Affected sources complying through the procedures specified in 63.804 (a)(1), (a)(2), (b), (c)(1), (d)(1), (d)(2), (e)(1), and (e)(2) are subject to the emission standards at all times, including periods of startup, shutdown, and malfunction.
63.6(f)(2) .....	Yes	
63.6(f)(3) .....	Yes	
63.6(g) .....	Yes	
63.6(h) .....	No.	
63.6 (i)(1)–(i)(3) .....	Yes	
63.6(i)(4)(i) .....	Yes	
63.6(i)(4)(ii) .....	No.	
63.6 (i)(5)–(i)(14) .....	Yes	
63.6(i)(16) .....	Yes	
63.6(j) .....	Yes	
63.7 .....	Yes .....	Applies only to affected sources using a control device to comply with the rule.
63.8 .....	Yes .....	Applies only to affected sources using a control device to comply with the rule.
63.9(a) .....	Yes	
63.9(b) .....	Yes .....	Existing sources are required to submit initial notification report within 270 days of the effective date.
63.9(c) .....	Yes	
63.9(d) .....	Yes	
63.9(e) .....	Yes .....	Applies only to affected sources using a control device to comply with the rule.
63.9(f) .....	No	
63.9(g) .....	Yes .....	Applies only to affected sources using a control device to comply with the rule.
63.9(h) .....	Yes .....	63.9(h)(2)(ii) applies only to affected sources using a control device to comply with the rule.
63.9(i) .....	Yes	
63.9(j) .....	Yes	
63.10(a) .....	Yes	
63.10(b)(1) .....	Yes	
63.10(b)(2) .....	Yes .....	Applies only to affected sources using a control device to comply with the rule.
63.10(b)(3) .....	Yes	
63.10(c) .....	Yes	
63.10(d)(1) .....	Yes	
63.10(d)(2) .....	Yes .....	Applies only to affected sources using a control device to comply with the rule.
63.10(d)(3) .....	No	
63.10(d)(4) .....	Yes	
63.10(d)(5) .....	Yes .....	Applies only to affected sources using a control device to comply with the rule.
63.10(e) .....	Yes .....	Applies only to affected sources using a control device to comply with the rule.
63.10(f) .....	Yes	
63.11 .....	No	
63.12–63.15 .....	Yes	

**TABLE 2.—LIST OF VOLATILE HAZARDOUS AIR POLLUTANTS**

Chemical name	CAS No.
Acetaldehyde .....	75070
Acetamide .....	60355
Acetonitrile .....	75058
Acetophenone .....	98862
2-Acetylaminofluorine .....	53963
Acrolein .....	107028
Acrylamide .....	79061
Acrylic acid .....	79107
Acrylonitrile .....	107131
Allyl chloride .....	107051
4-Aminobiphenyl .....	92671
Aniline .....	62533
o-Anisidine .....	90040
Benzene .....	71432
Benzidine .....	92875
Benzotrichloride .....	98077
Benzyl chloride .....	100447
Biphenyl .....	92524
Bis (2-ethylhexyl) phthalate (DEHP) .....	117817
Bis (chloromethyl) ether .....	542881

**TABLE 2.—LIST OF VOLATILE HAZARDOUS AIR POLLUTANTS—Continued**

Chemical name	CAS No.
Bromoform .....	75252
1,3-Butadiene .....	106990
Carbon disulfide .....	75150
Carbon tetrachloride .....	56235
Carbonyl sulfide .....	463581
Catechol .....	120809
Chloroacetic acid .....	79118
2-Chloroacetophenone .....	532274
Chlorobenzene .....	108907
Chloroform .....	67663
Chloromethyl methyl ether .....	107302
Chloroprene .....	126998
Cresols (isomers and mixture) .....	1319773
o-Cresol .....	95487
m-Cresol .....	108394
p-Cresol .....	106445
Cumene .....	98828
2,4-D (2,4-Dichlorophenoxyacetic acid, including salts and esters) .....	94757

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TABLE 2.—LIST OF VOLATILE HAZARDOUS AIR POLLUTANTS—Continued

Chemical name	CAS No.
DDE (1,1-Dichloro-2,2-bis(p-chlorophenyl)ethylene) .....	72559
Diazomethane .....	334883
Dibenzofuran .....	132649
1,2-Dibromo-3-chloropropane .....	96128
Diethylphthalate .....	84742
1,4-Dichlorobenzene .....	106467
3,3'-Dichlorobenzidine .....	91941
Dichloroethyl ether (Bis(2-chloroethyl)ether) .....	111444
1,3-Dichloropropene .....	542756
Diethanolamine .....	111422
N,N-Dimethylaniline .....	121697
Diethyl sulfate .....	64675
3,3'-Dimethoxybenzidine .....	119904
4-Dimethylaminoazobenzene .....	60117
3,3'-Dimethylbenzidine .....	119937
Dimethylcarbamoyl chloride .....	79447
N,N-Dimethylformamide .....	68122
1,1-Dimethylhydrazine .....	57147
Dimethyl phthalate .....	131113
Dimethyl sulfate .....	77781
4,6-Dinitro-o-cresol, and salts .....	534521
2,4-Dinitrophenol .....	51285
2,4-Dinitrotoluene .....	121142
1,4-Dioxane (1,4-Diethyleneoxide) .....	123911
1,2-Diphenylhydrazine .....	122667
Epichlorohydrin (1-Chloro-2,3-epoxypropane) .....	106898
1,2-Epoxybutane .....	106887
Ethyl acrylate .....	140885
Ethylbenzene .....	100414
Ethyl carbamate (Urethane) .....	51796
Ethyl chloride (Chloroethane) .....	75003
Ethylene bromide (Dibromoethane) .....	106934
Ethylene dichloride (1,2-Dichloroethane) .....	107062
Ethylene glycol .....	107211
Ethylene oxide .....	75218
Ethylenethiourea .....	96457
Ethyldiene dichloride (1,1-Dichloroethane) .....	75343
Formaldehyde .....	50000
Glycoethers <sup>a</sup> .....	118741
Hexachlorobenzene .....	87683
Hexachloro-1,3-butadiene .....	67721
Hexachloroethane .....	822060
Hexamethylene-1,6-diisocyanate .....	680319
Hexamethylphosphoramide .....	110543
Hexane .....	302012
Hydrazine .....	123319
Hydroquinone .....	78591
Isophorone .....	108316
Maleic anhydride .....	67561
Methanol .....	74839
Methyl bromide (Bromomethane) .....	74873
Methyl chloride (Chloromethane) .....	71556
Methyl chloroform (1,1,1-Trichloroethane) .....	78933
Methyl ethyl ketone (2-Butanone) .....	60344
Methylhydrazine .....	74884
Methyl iodide (Iodomethane) .....	108101
Methyl isobutyl ketone (Hexone) .....	624839
Methyl isocyanate .....	80626
Methyl methacrylate .....	1634044
Methyl tert-butyl ether .....	101144
4,4'-Methylenebis (2-chloroaniline) .....	75092

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TABLE 2.—LIST OF VOLATILE HAZARDOUS AIR POLLUTANTS—Continued

Chemical name	CAS No.
4,4'-Methylenediphenyl diisocyanate (MDI) .....	101688
4,4'-Methylenedianiline .....	101779
Naphthalene .....	91203
Nitrobenzene .....	98953
4-Nitrobiphenyl .....	92933
4-Nitrophenol .....	100027
2-Nitropropane .....	79469
N-Nitroso-N-methylurea .....	684935
N-Nitrosodimethylamine .....	62759
N-Nitrosomorpholine .....	59892
Phenol .....	108952
p-Phenylenediamine .....	106503
Phosgene .....	75445
Phthalic anhydride .....	85449
Polychlorinated biphenyls (Aroclors) .....	1336363
Polycyclic Organic Matter <sup>b</sup> .....	.....
1,3-Propane sultone .....	1120714
beta-Propiolactone .....	57578
Propionaldehyde .....	123386
Propoxur (Baygon) .....	114261
Propylene dichloride (1,2-Dichloropropane) .....	78875
Propylene oxide .....	75569
1,2-Propylenimine (2-Methyl aziridine) .....	75558
Quinone .....	106514
Styrene .....	100425
Styrene oxide .....	96093
2,3,7,8-Tetrachlorodibenzo-p-dioxin .....	1746016
1,1,2,2-Tetrachloroethane .....	79345
Tetrachloroethylene (Perchloroethylene) .....	127184
Toluene .....	108883
2,4-Tolenediamine .....	95807
Toluene-2,4-diisocyanate .....	584849
o-Toluidine .....	95534
1,2,4-Trichlorobenzene .....	120821
1,1,2-Trichloroethane .....	79005
Trichloroethylene .....	79016
2,4,5-Trichlorophenol .....	95954
2,4,6-Trichlorophenol .....	88062
Triethylamine .....	121448
Trifluralin .....	1582098
2,2,4-Trimethylpentane .....	540841
Vinyl acetate .....	108054
Vinyl bromide .....	593602
Vinyl chloride .....	75014
Vinylidene chloride (1,1-Dichloroethylene) .....	75354
Xylenes (isomers and mixture) .....	1330207
o-Xylene .....	95476
m-Xylene .....	108383
p-Xylene .....	106423

<sup>a</sup> Includes mono- and di-ethers of ethylene glycol, diethylene glycols and triethylene glycol; R-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>RR'—OR where:

n = 1, 2, or 3,

R = alkyl or aryl groups

<sup>b</sup> R = R, H, or groups which, when removed, yield glycol ethers with the structure: R-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>—OH. Polymers are excluded from the glycol category.

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

[63 FR 71381, Dec. 28, 1998]

**Environmental Protection Agency**
**Pt. 63, Subpt. JJ, Table 4**
**TABLE 3.—SUMMARY OF EMISSION LIMITS**

Emission point	Existing source	New source
Finishing Operations:		
(a) Achieve a weighted average VHAP content across all coatings (maximum kg VHAP/kg solids [lb VHAP/lb solids], as applied .....	<sup>a</sup> 1.0	<sup>a</sup> 0.8
(b) Use compliant finishing materials (maximum kg VHAP/kg solids [lb VHAP/lb solids], as applied):		
—stains .....	<sup>a</sup> 1.0	<sup>a</sup> 1.0
—washcoats .....	<sup>a,b</sup> 1.0	<sup>a,b</sup> 0.8
—sealers .....	<sup>a</sup> 1.0	<sup>a</sup> 0.8
—topcoats .....	<sup>a</sup> 1.0	<sup>a</sup> 0.8
—basecoats .....	<sup>a,b</sup> 1.0	<sup>a,b</sup> 0.8
—enamels .....	<sup>a,b</sup> 1.0	<sup>a,b</sup> 0.8
—thinners (maximum percent VHAP allowable); or .....	10.0	10.0
(c) As an alternative, use control device; or .....	<sup>c</sup> 1.0	<sup>c</sup> 0.8
(d) Use any combination of (a), (b), and (c) .....	1.0	0.8
Cleaning Operations:		
Strippable spray booth material (maximum VOC content, kg VOC/kg solids [lb VOC/lb solids]) ....	0.8	0.8
Contact Adhesives:		
(a) Use compliant contact adhesives (maximum kg VHAP/kg solids [lb VHAP/lb solids], as applied) based on following criteria:		
i. For aerosol adhesives, and for contact adhesives applied to nonporous substrates .....	<sup>d</sup> NA	<sup>d</sup> NA
ii. For foam adhesives used in products that meet flammability requirements .....	1.8	0.2
iii. For all other contact adhesives (including foam adhesives used in products that do not meet flammability requirements); or .....	1.0	0.2
(b) Use a control device .....	<sup>e</sup> 1.0	<sup>e</sup> 0.2

<sup>a</sup> The limits refer to the VHAP content of the coating, as applied.

<sup>b</sup> Washcoats, basecoats, and enamels must comply with the limits presented in this table if they are purchased premade, that is, if they are not formulated onsite by thinning other finishing materials. If they are formulated onsite, they must be formulated using compliant finishing materials, i.e., those that meet the limits specified in this table, and thinners containing no more than 3.0 percent VHAP by weight.

<sup>c</sup> The control device must operate at an efficiency that is equivalent to no greater than 1.0 kilogram (or 0.8 kilogram) of VHAP being emitted from the affected emission source per kilogram of solids used.

<sup>d</sup> There is no limit on the VHAP content of these adhesives.

<sup>e</sup> The control device must operate at an efficiency that is equivalent to no greater than 1.0 kilogram (or 0.2 kilogram) of VHAP being emitted from the affected emission source per kilogram of solids used.

[60 FR 62936, Dec. 7, 1995, as amended at 62 FR 30260, June 3, 1997]

**TABLE 4.—POLLUTANTS EXCLUDED FROM USE IN CLEANING AND WASHOFF SOLVENTS**

Chemical name	CAS No.
4-Aminobiphenyl .....	92671
Styrene oxide .....	96093
Diethyl sulfate .....	64675
N-Nitrosomorpholine .....	59892
Dimethyl formamide .....	68122
Hexamethylphosphoramide .....	680319
Acetamide .....	60355
4,4'-Methylenedianiline .....	101779
o-Anisidine .....	90040
2,3,7,8-Tetrachlorodibenzo-p-dioxin .....	1746016
Beryllium salts .....	
Benzidine .....	92875
N-Nitroso-N-methylurea .....	684935
Bis (chloromethyl) ether .....	542881
Dimethyl carbamoyl chloride .....	79447
Chromium compounds (hexavalent) .....	
1,2-Propylenimine (2-Methyl aziridine) .....	75558
Arsenic and inorganic arsenic compounds .....	99999904
Hydrazine .....	302012
1,1-Dimethyl hydrazine .....	57147
Beryllium compounds .....	7440417
1,2-Dibromo-3-chloropropane .....	96128
N-Nitrosodimethylamine .....	62759
Cadmium compounds .....	
Benz(a)pyrene .....	50328
Polychlorinated biphenyls (Aroclors) .....	1336363
Heptachlor .....	76448
3,3'-Dimethyl benzidine .....	119937

**TABLE 4.—POLLUTANTS EXCLUDED FROM USE IN CLEANING AND WASHOFF SOLVENTS—Continued**

Chemical name	CAS No.
Nickel subsulfide .....	12035722
Acrylamide .....	79061
Hexachlorobenzene .....	118741
Chlordane .....	57749
1,3-Propane sultone .....	1120714
1,3-Butadiene .....	106990
Nickel refinery dust .....	
2-Acetylaminofluorine .....	53963
3,3'-Dichlorobenzidine .....	53963
Lindane (hexachlorocyclohexane, gamma) .....	58899
2,4-Toluene diamine .....	95807
Dichloroethyl ether (Bis(2-chloroethyl) ether) .....	111444
1,2-Diphenylhydrazine .....	122667
Toxaphene (chlorinated camphene) .....	8001352
2,4-Dinitrotoluene .....	121142
3,3'-Dimethoxybenzidine .....	119904
Formaldehyde .....	50000
4,4'-Methylene bis (2-chloroaniline) .....	101144
Acrylonitrile .....	107131
Ethylene dibromide (1,2-Dibromoethane) .....	106934
DDE (1,1-p-chlorophenyl 1-2 dichloroethylene) .....	72559
Chlorobenzilate .....	510156
Dichlorvos .....	62737
Vinyl chloride .....	75014
Coke Oven Emissions .....	
Ethylene oxide .....	75218
Ethylene thiourea .....	96457

**Pt. 63, Subpt. JJ, Table 5**

**TABLE 4.—POLLUTANTS EXCLUDED FROM USE IN CLEANING AND WASHOFF SOLVENTS—Continued**

Chemical name	CAS No.
Vinyl bromide (bromoethene) .....	593602
Selenium sulfide (mono and di) .....	7488564
Chloroform .....	67663
Pentachlorophenol .....	87865
Ethyl carbamate (Urethane) .....	51796
Ethylene dichloride (1,2-Dichloroethane) .....	107062
Propylene dichloride (1,2-Dichloropropane) .....	78875
Carbon tetrachloride .....	56235
Benzene .....	71432
Methyl hydrazine .....	60344
Ethyl acrylate .....	140885
Propylene oxide .....	75569
Aniline .....	62533
1,4-Dichlorobenzene(p) .....	106467
2,4,6-Trichlorophenol .....	88062
Bis (2-ethylhexyl) phthalate (DEHP) .....	117817
o-Toluidine .....	95534
Propoxur .....	114261
1,4-Dioxane (1,4-Diethyleneoxide) .....	123911
Acetaldehyde .....	75070
Bromoform .....	75252
Captan .....	133062
Epichlorohydrin .....	106898
Methylene chloride (Dichloromethane) .....	75092
Dibenz (ah) anthracene .....	53703
Chrysene .....	218019
Dimethyl aminoazobenzene .....	60117
Benzo (a) anthracene .....	56553
Benzo (b) fluoranthene .....	205992
Antimony trioxide .....	1309644

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**TABLE 4.—POLLUTANTS EXCLUDED FROM USE IN CLEANING AND WASHOFF SOLVENTS—Continued**

Chemical name	CAS No.
2-Nitropropane .....	79469
1,3-Dichloropropene .....	542756
7, 12-Dimethylbenz(a) anthracene .....	57976
Benz(c) acridine .....	225514
Indeno(1,2,3-cd)pyrene .....	193395
1,2,7,8-Dibenzopyrene .....	189559

[63 FR 71382, Dec. 28, 1998]

**TABLE 5.—LIST OF VHAP OF POTENTIAL CONCERN IDENTIFIED BY INDUSTRY**

CAS No.	Chemical name	EPA de minimis, tons/yr*
68122 .....	Dimethyl formamide	1.0
50000 .....	Formaldehyde	0.2
75092 .....	Methylene chloride	4.0
79469 .....	2-Nitropropane	1.0
78591 .....	Isporphorone	0.7
1000425 .....	Styrene monomer	1.0
108952 .....	Phenol	0.1
111422 .....	Dimethanolamine	5.0
109864 .....	2-Methoxyethanol	10.0
111159 .....	2-Ethoxyethyl acetate	10.0

[63 FR 71382, Dec. 28, 1998]

**TABLE 6.—VHAP OF POTENTIAL CONCERN**

CAS No.	Chemical name	EPA de minimis, tons/yr*
92671 .....	4-Aminobiphenyl .....	1.0
96093 .....	Styrene oxide .....	1.0
64675 .....	Diethyl sulfate .....	1.0
59892 .....	N-Nitrosomorpholine .....	1.0
68122 .....	Dimethyl formamide .....	1.0
680319 .....	Hexamethylphosphoramide .....	0.01
60355 .....	Acetamide .....	1.0
101779 .....	4,4'-Methylenedianiline .....	1.0
90040 .....	o-Anisidine .....	1.0
1746016 .....	2,3,7,8-Tetrachlorodibenzo-p-dioxin .....	0.00000006
92875 .....	Benzidine .....	0.00003
684935 .....	N-Nitroso-N-methylurea .....	0.00002
542881 .....	Bis(chloromethyl) ether .....	0.00003
79447 .....	Dimethyl carbamoyl chloride .....	0.002
75558 .....	1,2-Propylenimine (2-Methyl aziridine) .....	0.0003
57147 .....	1,1-Dimethyl hydrazine .....	0.0008
96128 .....	1,2-Dibromo-3-chloropropane .....	0.001
62759 .....	N-Nitrosodimethylamine .....	0.0001
50328 .....	Benzo (a) pyrene .....	0.001
1336363 .....	Polychlorinated biphenyls (Aroclors) .....	0.0009
76448 .....	Heptachlor .....	0.002
119937 .....	3,3'-Dimethyl benzidine .....	0.001
79061 .....	Acrylamide .....	0.002
118741 .....	Hexachlorobenzene .....	0.004
57749 .....	Chlordane .....	0.005
1120714 .....	1,3-Propane sultone .....	0.003
106990 .....	1,3-Butadiene .....	0.007
53963 .....	2-Acetylaminofluorine .....	0.0005
91941 .....	3,3'-Dichlorobenzidine .....	0.02
58899 .....	Lindane (hexachlorocyclohexane, gamma) .....	0.005
95807 .....	2,4-Toluene diamine .....	0.002
111444 .....	Dichlorethyl ether (Bis(2-chloroethyl)ether) .....	0.006
122667 .....	1,2-Diphenylhydrazine .....	0.009
8001352 .....	Toxaphene (chlorinated camphene) .....	0.006

**Environmental Protection Agency**
**Pt. 63, Subpt. JJ, Table 6**

TABLE 6.—VHAP OF POTENTIAL CONCERN—Continued

CAS No.	Chemical name	EPA de minimis, tons/yr*
121142 .....	2,4-Dinitrotoluene .....	0.002
119904 .....	3,3'-Dimethoxybenzidine .....	0.01
50000 .....	Formaldehyde .....	0.2
101144 .....	4,4'-Methylene bis(2-chloroaniline) .....	0.02
107131 .....	Acrylonitrile .....	0.03
106934 .....	Ethylene dibromide(1,2-Dibromoethane) .....	0.01
72559 .....	DDE (1,1-p-chlorophenyl 1-2 dichloroethylene) .....	0.01
510156 .....	Chlorobenzilate .....	0.04
62737 .....	Dichlorvos .....	0.02
75014 .....	Vinyl chloride .....	0.02
75218 .....	Ethylene oxide .....	0.09
96457 .....	Ethylene thiourea .....	0.06
593602 .....	Vinyl bromide (bromoethene) .....	0.06
67663 .....	Chloroform .....	0.09
87865 .....	Pentachlorophenol .....	0.07
51796 .....	Ethyl carbamate (Urethane) .....	0.08
107062 .....	Ethylene dichloride (1,2-Dichloroethane) .....	0.08
78875 .....	Propylene dichloride (1,2-Dichloropropane) .....	0.1
56235 .....	Carbon tetrachloride .....	0.1
71432 .....	Benzene .....	0.2
140885 .....	Ethyl acrylate .....	0.1
75569 .....	Propylene oxide .....	0.5
62533 .....	Aniline .....	0.1
106467 .....	1,4-Dichlorobenzene(p) .....	0.3
88062 .....	2,4,6-Trichlorophenol .....	0.6
117817 .....	Bis (2-ethylhexyl) phthalate (DEHP) .....	0.5
95534 .....	o-Toluidine .....	0.4
114261 .....	Propoxur .....	2.0
79016 .....	Trichloroethylene .....	1.0
123911 .....	1,4-Dioxane (1,4-Diethyleneoxide) .....	0.6
75070 .....	Acetaldehyde .....	0.9
75252 .....	Bromoform .....	2.0
133062 .....	Captan .....	2.0
106898 .....	Epichlorohydrin .....	2.0
75092 .....	Methylene chloride (Dichloromethane) .....	4.0
127184 .....	Tetrachloroethylene (Perchloroethylene) .....	4.0
53703 .....	Dibenzo (ah) anthracene .....	0.01
218019 .....	Chrysene .....	0.01
60117 .....	Dimethyl aminoazobenzene .....	1.0
56553 .....	Benzo (a) anthracene .....	0.01
205992 .....	Benzo (b) fluoranthene .....	0.01
79469 .....	2-Nitropropane .....	1.0
542756 .....	1,3-Dichloropropene .....	1.0
57976 .....	7,12-Dimethylbenz (a) anthracene .....	0.01
225514 .....	Benz(c)acridine .....	0.01
193395 .....	Indeno(1,2,3-cd)pyrene .....	0.01
189559 .....	1,2,7,8-Dibenzopyrene .....	0.01
79345 .....	1,1,2,2-Tetrachloroethane .....	0.03
91225 .....	Quinoline .....	0.0006
75354 .....	Vinyldiene chloride (1,1-Dichloroethylene) .....	0.04
87683 .....	Hexachlorobutadiene .....	0.09
82688 .....	Pentachloronitrobenzene (Quintobenzene) .....	0.03
78591 .....	Isophorone .....	0.7
79005 .....	1,1,2-Trichloroethane .....	0.1
74873 .....	Methyl chloride (Chloromethane) .....	1.0
67721 .....	Hexachloroethane .....	0.5
1582098 .....	Trifluralin .....	0.9
1319773 .....	Cresols/Cresylic acid (isomers and mixture) .....	1.0
108394 .....	m-Cresol .....	1.0
75343 .....	Ethyldene dichloride (1,1-Dichloroethane) .....	1.0
95487 .....	o-Cresol .....	1.0
106445 .....	p-Cresol .....	1.0
74884 .....	Methyl iodide (Iodomethane) .....	1.0
100425 .....	Styrene .....	1.0
107051 .....	Allyl chloride .....	1.0
334883 .....	Diazomethane .....	1.0
95954 .....	2,4,5-Trichlorophenol .....	1.0
133904 .....	Chloramben .....	1.0
106887 .....	1,2-Epoxybutane .....	1.0
108054 .....	Vinyl acetate .....	1.0
126998 .....	Chloroprene .....	1.0

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TABLE 6.—VHAP OF POTENTIAL CONCERN—Continued

CAS No.	Chemical name	EPA de minimis, tons/yr*
123319 .....	Hydroquinone .....	1.0
92933 .....	4-Nitrobiphenyl .....	1.0
56382 .....	Parathion .....	0.1
13463393 .....	Nickel Carbonyl .....	0.1
60344 .....	Methyl hydrazine .....	0.006
151564 .....	Ethylene imine .....	0.0003
77781 .....	Dimethyl sulfate .....	0.1
107302 .....	Chloromethyl methyl ether .....	0.1
57578 .....	beta-Propiolactone .....	0.1
100447 .....	Benzyl chloride .....	0.04
98077 .....	Benzotrichloride .....	0.0006
107028 .....	Acrolein .....	0.04
584849 .....	2,4-Toluene diisocyanate .....	0.1
75741 .....	Tetramethyl lead .....	0.01
78002 .....	Tetraethyl lead .....	0.01
12108133 .....	Methylcyclopentadienyl manganese .....	0.1
624839 .....	Methyl isocyanate .....	0.1
77474 .....	Hexachlorocyclopentadiene .....	0.1
62207765 .....	Fluorine .....	0.1
10210681 .....	Cobalt carbonyl .....	0.1
79118 .....	Chloroacetic acid .....	0.1
534521 .....	4,6-Dinitro-o-cresol, and salts .....	0.1
101688 .....	Methylene diphenyl diisocyanate .....	0.1
108952 .....	Phenol .....	0.1
62384 .....	Mercury, (acetato-o) phenyl .....	0.01
98862 .....	Acetophenone .....	1.0
108316 .....	Maleic anhydride .....	1.0
532274 .....	2-Chloroacetophenone .....	0.06
51285 .....	2,4-Dinitrophenol .....	1.0
109864 .....	2-Methoxy ethanol .....	10.0
98953 .....	Nitrobenzene .....	1.0
74839 .....	Methyl bromide (Bromomethane) .....	10.0
75150 .....	Carbon disulfide .....	1.0
121697 .....	N,N-Dimethylaniline .....	1.0
106514 .....	Quinone .....	5.0
123386 .....	Propionaldehyde .....	5.0
120809 .....	Catechol .....	5.0
85449 .....	Phthalic anhydride .....	5.0
463581 .....	Carbonyl sulfide .....	5.0
132649 .....	Dibenzofurans .....	5.0
100027 .....	4-Nitrophenol .....	5.0
540841 .....	2,2,4-Trimethylpentane .....	5.0
111422 .....	Diethanolamine .....	5.0
822060 .....	Hexamethylene-1,6-diisocyanate .....	5.0
	Glycol ethers <sup>a</sup> .....	5.0
	Polycyclic organic matter <sup>b</sup> .....	0.01

\* These values are based on the de minimis levels provided in the proposed rulemaking pursuant to section 112(g) of the Act using a 70-year lifetime exposure duration for all VHAP. Default assumptions and the de minimis values based on inhalation reference doses (RfC) are not changed by this adjustment.

<sup>a</sup> Except for ethylene glycol butyl ether, ethylene glycol ethyl ether (2-ethoxy ethanol), ethylene glycol hexyl ether, ethylene glycol methyl ether (2-methoxyethanol), ethylene glycol phenyl ether, ethylene glycol propyl ether, ethylene glycol mono-2-ethylhexyl ether, diethylene glycol butyl ether, diethylene glycol ethyl ether, diethylene glycol methyl ether, diethylene glycol hexyl ether, diethylene glycol phenyl ether, diethylene glycol propyl ether, triethylene glycol butyl ether, triethylene glycol ethyl ether, triethylene glycol methyl ether, triethylene glycol propyl ether, ethylene glycol butyl ether acetate, ethylene glycol ethyl ether acetate, and diethylene glycol ethyl ether acetate.

<sup>b</sup> Except for benzo(b)fluoranthene, benzo(a)anthracene, benzo(a)pyrene, 7,12-dimethylbenz(a)anthracene, benz(c)acridine, chrysene, dibenz(ah) anthracene, 1,2:7,8-dibenzopyrene, indeno(1,2,3-cd)pyrene, but including dioxins and furans.

[63 FR 71383, Dec. 28, 1998]

**Subpart KK—National Emission Standards for the Printing and Publishing Industry**

SOURCE: 61 FR 27140, May 30, 1996, unless otherwise.

**§ 63.820 Applicability.**

(a) The provisions of this subpart apply to:

(1) Each new and existing facility that is a major source of hazardous air pollutants (HAP), as defined in 40 CFR 63.2, at which publication rotogravure,