

Environmental Protection Agency

Pt. 423, App. A

(b) The pollutants discharged in chemical metal cleaning wastes shall not exceed the concentration listed in the following table:

Pollutant or pollutant property	PSNS pretreatment standards
	Maximum for 1 day (mg/l)
Copper, total	1.0

(c) [Reserved—Nonchemical Metal Cleaning Wastes].

(d)(1) The pollutants discharged in cooling tower blowdown shall not exceed the concentration listed in the following table:

Pollutant or pollutant property	PSNS pretreatment standards
	Maximum for any time (mg/l)
The 126 priority pollutants (Appendix A) contained in chemicals added for cooling tower maintenance, except:	(¹)
Chromium, total	0.2
Zinc, total	1.0

¹ No detectable amount.

(2) At the permitting authority's discretion, instead of the monitoring in 40 CFR 122.11(b), compliance with the limitations for the 126 priority pollutants in paragraph (d)(1) of this section may be determined by engineering calculations which demonstrate that the regulated pollutants are not detectable in the final discharge by the analytical methods in 40 CFR part 136.

§ 423.17 Pretreatment standards for new sources (PSNS).

Except as provided in 40 CFR 403.7, any new source subject to this subpart part which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and the following pretreatment standards for new sources (PSNS).

(a) There shall be no discharge of polychlorinated biphenyl compounds such as those used for transformer fluid.

(b) The pollutants discharged in chemical metal cleaning wastes shall not exceed the concentration listed in the following table:

Pollutant or pollutant property	PSNS pretreatment standards
	Maximum for 1 day (mg/l)
Copper, total	1.0

(c) [Reserved—Nonchemical Metal Cleaning Wastes].

(d)(1) The pollutants discharged in cooling tower blowdown shall not exceed the concentration listed in the following table:

Pollutant or pollutant property	PSNS pretreatment standards
	Maximum for any time (mg/l)
The 126 priority pollutants (Appendix A) contained in chemicals added for cooling tower maintenance, except:	
Chromium, total	0.2
Zinc, total	1.0

(2) At the permitting authority's discretion, instead of the monitoring in 40 CFR 122.11(b), compliance with the limitations for the 126 priority pollutants in paragraph (d)(1) of this section may be determined by engineering calculations which demonstrate that the regulated pollutants are not detectable in the final discharge by the analytical methods in 40 CFR part 136.

(e) There shall be no discharge of wastewater pollutants from fly ash transport water.

APPENDIX A TO PART 423—126 PRIORITY POLLUTANTS

- 001 Acenaphthene
- 002 Acrolein
- 003 Acrylonitrile
- 004 Benzene
- 005 Benzidine
- 006 Carbon tetrachloride
- (tetrachloromethane)
- 007 Chlorobenzene
- 008 1,2,4-trichlorobenzene
- 009 Hexachlorobenzene
- 010 1,2-dichloroethane
- 011 1,1,1-trichloroethane
- 012 Hexachloroethane
- 013 1,1-dichloroethane
- 014 1,1,2-trichloroethane
- 015 1,1,2,2-tetrachloroethane
- 016 Chloroethane
- 018 Bis(2-chloroethyl) ether
- 019 2-chloroethyl vinyl ether (mixed)
- 020 2-chloronaphthalene
- 021 2,4, 6-trichlorophenol
- 022 Parachlorometa cresol
- 023 Chloroform (trichloromethane)

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024	2-chlorophenol	088	Vinyl chloride (chloroethylene)
025	1,2-dichlorobenzene	089	Aldrin
026	1,3-dichlorobenzene	090	Dieldrin
027	1,4-dichlorobenzene	091	Chlordane (technical mixture and metabolites)
028	3,3-dichlorobenzidine	092	4,4-DDT
029	1,1-dichloroethylene	093	4,4-DDE (p,p-DDX)
030	1,2-trans-dichloroethylene	094	4,4-DDD (p,p-TDE)
031	2,4-dichlorophenol	095	Alpha-endosulfan
032	1,2-dichloropropane	096	Beta-endosulfan
033	1,2-dichloropropylene (1,3-dichloropropene)	097	Endosulfan sulfate
034	2,4-dimethylphenol	098	Endrin
035	2,4-dinitrotoluene	099	Endrin aldehyde
036	2,6-dinitrotoluene	100	Heptachlor
037	1,2-diphenylhydrazine	101	Heptachlor epoxide (BHC-hexachlorocyclohexane)
038	Ethylbenzene	102	Alpha-BHC
039	Fluoranthene	103	Beta-BHC
040	4-chlorophenyl phenyl ether	104	Gamma-BHC (lindane)
041	4-bromophenyl phenyl ether	105	Delta-BHC (PCB-polychlorinated biphenyls)
042	Bis(2-chloroisopropyl) ether	106	PCB-1242 (Arochlor 1242)
043	Bis(2-chloroethoxy) methane	107	PCB-1254 (Arochlor 1254)
044	Methylene chloride (dichloromethane)	108	PCB-1221 (Arochlor 1221)
045	Methyl chloride (dichloromethane)	109	PCB-1232 (Arochlor 1232)
046	Methyl bromide (bromomethane)	110	PCB-1248 (Arochlor 1248)
047	Bromoform (tribromomethane)	111	PCB-1260 (Arochlor 1260)
048	Dichlorobromomethane	112	PCB-1016 (Arochlor 1016)
051	Chlorodibromomethane	113	Toxaphene
052	Hexachlorobutadiene	114	Antimony
053	Hexachloromyclopentadiene	115	Arsenic
054	Isophorone	116	Asbestos
055	Naphthalene	117	Beryllium
056	Nitrobenzene	118	Cadmium
057	2-nitrophenol	119	Chromium
058	4-nitrophenol	120	Copper
059	2,4-dinitrophenol	121	Cyanide, Total
060	4,6-dinitro-o-cresol	122	Lead
061	N-nitrosodimethylamine	123	Mercury
062	N-nitrosodiphenylamine	124	Nickel
063	N-nitrosodi-n-propylamin	125	Selenium
064	Pentachlorophenol	126	Silver
065	Phenol	127	Thallium
066	Bis(2-ethylhexyl) phthalate	126	Silver
067	Butyl benzyl phthalate	128	Zinc
068	Di-N-Butyl Phthalate	129	2,3,7,8-tetrachloro-dibenzo-p-dioxin (TCDD)
069	Di-n-octyl phthalate		
070	Diethyl Phthalate		
071	Dimethyl phthalate		
072	1,2-benzanthracene (benzo(a) anthracene)		
073	Benzo(a)pyrene (3,4-benzo-pyrene)		
074	3,4-Benzofluoranthene (benzo(b) fluoranthene)		
075	11,12-benzofluoranthene (benzo(b) fluoranthene)		
076	Chrysene		
077	Acenaphthylene		
078	Anthracene		
079	1,12-benzoperylene (benzo(ghi) perylene)		
080	Fluorene		
081	Phenanthrene		
082	1,2,5,6-dibenzanthracene (dibenzo(h) anthracene)		
083	Indeno (1,2,3-cd) pyrene (2,3-o-pheynylene pyrene)		
084	Pyrene		
085	Tetrachloroethylene		
086	Toluene		
087	Trichloroethylene		

PART 424—FERROALLOY MANUFACTURING POINT SOURCE CATEGORY

Subpart A—Open Electric Furnaces With Wet Air Pollution Control Devices Subcategory

Sec.

- 424.10 Applicability; description of the open electric furnaces with wet air pollution control devices subcategory.
- 424.11 Specialized definitions.
- 424.12 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.