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

**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.

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- 424.13 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 424.14 [Reserved]
- 424.15 Standards of performance for new sources.
- 424.16 Pretreatment standards for new sources.
- 424.17 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

**Subpart B—Covered Electric Furnaces and Other Smelting Operations With Wet Air Pollution Control Devices Subcategory**

- 424.20 Applicability; description of the covered electric furnaces and other smelting operations with wet air pollution control devices subcategory.
- 424.21 Specialized definitions.
- 424.22 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 424.23 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 424.24 [Reserved]
- 424.25 Standards of performance for new sources.
- 424.26 Pretreatment standards for new sources.
- 424.27 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

**Subpart C—Slag Processing Subcategory**

- 424.30 Applicability; description of the slag processing subcategory.
- 424.31 Specialized definitions.
- 424.32 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 424.33 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 424.34 [Reserved]
- 424.35 Standards of performance for new sources.
- 424.36 Pretreatment standards for new sources.

- 424.37 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

**Subpart D—Covered Calcium Carbide Furnaces With Wet Air Pollution Control Devices Subcategory**

- 424.40 Applicability; description of the covered calcium carbide furnaces with wet air pollution control devices subcategory.
- 424.41 Specialized definitions.
- 424.42 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 424.43 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 424.44–424.46 [Reserved]
- 424.47 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

**Subpart E—Other Calcium Carbide Furnaces Subcategory**

- 424.50 Applicability; description of the other calcium carbide furnaces subcategory.
- 424.51 Specialized definitions.
- 424.52 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 424.53 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 424.54–424.56 [Reserved]
- 424.57 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

**Subpart F—Electrolytic Manganese Products Subcategory**

- 424.60 Applicability; description of the electrolytic manganese products subcategory.
- 424.61 Specialized definitions.
- 424.62 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

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424.63 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

424.64–424.66 [Reserved]

424.67 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

**Subpart G—Electrolytic Chromium Subcategory**

424.70 Applicability; description of the electrolytic chromium subcategory.

424.71 Specialized definitions.

424.72 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

424.73 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

424.74–424.76 [Reserved]

424.77 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

**AUTHORITY:** Secs. 301, 304(b) and (c), 306(b) and (c), 307(c) of the Federal Water Pollution Control Act, as amended; 33 U.S.C. 1251, 1311, 1314(b) and (c), 1316 (b) and (c), 1317(c); 86 Stat. 816 *et seq.*, Pub. L. 92-500; 91 Stat. 1567, Pub. L. 95-217.

**SOURCE:** 39 FR 6809, Feb. 22, 1974, unless otherwise noted.

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

**§ 424.10 Applicability; description of the open electric furnaces with wet air pollution control devices subcategory.**

The provisions of this subpart are applicable to discharges resulting from the smelting of ferroalloys in open electric furnaces with wet air pollution control devices. This subcategory includes those electric furnaces of such construction or configuration that the furnace off-gases are burned above the furnace charge level by air drawn into the system. After combustion the gases are cleaned in a wet air pollution control device, such as a scrubber, an elec-

trostatic precipitator with water or other aqueous sprays, etc. The provisions of this subpart are not applicable to noncontact cooling water or to those electric furnaces which are covered, closed, sealed, or semi-covered and in which the furnace off-gases are not burned prior to collection (regulated in subpart B of this part).

**§ 424.11 Specialized definitions.**

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

(b) The term *Mwh* shall mean megawatt hour(s) of electrical energy consumed in the smelting process (furnace power consumption).

**§ 424.12 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.**

Except as provided in §§ 125.30 through 125.32, and subject to the provisions of paragraph (a) of this section, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kg/Mwh)	
TSS .....	0.319	0.160
Chromium total .....	.006	.0032
Chromium VI .....	.0006	.0003
Manganese total .....	.064	.032
pH .....	( <sup>1</sup> )	( <sup>1</sup> )
	English units (lb/Mwh)	
TSS .....	.703	.352
Chromium total .....	.014	.007
Chromium VI .....	.0014	.0007
Manganese total .....	.141	.070
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range 6.0 to 9.0.

[39 FR 6809, Feb. 22, 1974, as amended at 60 FR 33957, June 29, 1995]