

Pt. 414, App. B

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Disperse dyes, Azo and Vat
 Ethylenediamine tetraacetic acid/Ethylene-
 diamine + Formaldehyde + Sodium cyanide
 Diethylenetriamine pentaacetic acid/
 Diethylenetriamine + Formaldehyde + So-
 dium cyanide
 N,N'-bis(o-
 Acetamidophenol)ethylenediamine, ferric
 complex/ Salicylaldehyde + Ethylene-
 diamine + Hydrogen cyanide, hydrolysis to
 amide
 Diethylenetriamine pentaacetic acid,
 pentasodium salt/Diethylenetriamine
 pentaacetic acid + caustic
 Ethylenediamine tetraacetic acid, metal
 salts/Ethylenediamine tetraacetic acid +
 metal bases
 Hydroxyethyl ethylenediamine triacetic
 acid, trisodium salt/ Ethylenediamine +
 Ethylene oxide + Formaldehyde + Sodium
 cyanide, hydrolysis
 5,5-Dimethyl hyantoin/Acetone + ammonia +
 carbon dioxide + hydrogen cyanide
 Hydrogen cyanide/By-product of acrylo-
 nitrile by ammoxidation of propylene
 Iminodiacetic acid/Hexamethylene
 tetraamine + Hydrogen cyanide, hydrolysis
 of iminoacetone salt
 Methionine/Acrolein + Methyl mercaptan,
 with hydrogen cyanide and ammonium car-
 bonate
 Nitritotriacetic acid/Hexamethylene
 tetraamine + Hydrogen cyanide, hydrolysis
 of nitritotriacetone salt
 Picolines, mixed/Condensation of acetal-
 dehyde + formaldehyde + ammonia
 Organic pigments, Azo/Diazotization of ani-
 line cogener, coupling to B-Naphthol
 Pyrimidines, 2-Isopropyl-4-methoxy-/
 Isobutyronitrile + methanol, ammonia and
 methylacetate (ring closure)
 Pyridine (synthetic)/Condensation of acetal-
 dehyde + ammonia + formaldehyde
 Cyanopyridine/Ammoxidation of picoline
 Sarcosine (N-Methyl glycine), sodium salt/
 Hexamethylene tetraamine + Sodium cy-
 anide, hydrolysis
 Thiophene acetic acid/Chloromethylation
 (Hydrogen chloride + Formaldehyde) + So-
 dium cyanide, hydrolysis
 Tris(anilino)S-triazine/Cyanuric chloride +
 Aniline and its cogeners
 Triethylorthoformate/Ethanol + Hydrogen
 cyanide
 Trimethylorthoformate/Methanol + Hydro-
 gen cyanide

[52 FR 42568, Nov. 5, 1987, as amended at 54
 FR 27352, June 29, 1989; 55 FR 26692, June 29,
 1990; 57 FR 41844, Sept. 11, 1992]

**APPENDIX B TO PART 414—COMPLEXED
 METAL-BEARING WASTE STREAMS**

Chromium

Azo dye intermediates/Substituted diazo-
 nium salts + coupling compounds

Vat dyes
 Acid dyes
 Azo dyes, metallized/Azo dye + metal acetate
 Acid dyes, Azo (including metallized)
 Organic pigments, miscellaneous lakes and
 toners

Copper

Disperse dyes
 Acid dyes
 Direct dyes
 Vat dyes
 Sulfur dyes
 Disperse dye coupler/N-substitution of 2-
 Amino-4-acetamidoanisole
 Azo dyes, metallized/Azo dye + metal acetate
 Direct dyes, Azo
 Disperse dyes, Azo and Vat
 Organic pigment Green 7/Copper
 phthalocyanine
 Organic pigments
 Organic pigments/Phthalocyanine pigments
 Organic pigments/Copper phthalocyanine
 (Blue Crude)
 Organic pigments, miscellaneous lakes and
 toners

Lead

Organic pigments, Quinacridines
 Organic pigments, Thioindigoids
 Tetraethyl lead/Alkyl halide + sodium-lead
 alloy
 Tetramethyl lead/Alkyl halide + sodium-lead
 alloy

Nickel

Azo dyes, metallized/Azo dye + metal acetate

Zinc

Organic pigments/Azo pigments by
 diazotization and coupling

[52 FR 42568, Nov. 5, 1987, as amended at 54
 FR 27352, June 29, 1989; 57 FR 41844, Sept. 11,
 1992]

**PART 415—INORGANIC CHEMI-
 CALS MANUFACTURING POINT
 SOURCE CATEGORY**

**Subpart A—Aluminum Chloride Production
 Subcategory**

Sec.
 415.01 Compliance dates for pretreatment
 standards for existing sources.
 415.10 Applicability; description of the alu-
 minum chloride production subcategory.
 415.11 Specialized definitions. [Reserved]
 415.12-415.13 [Reserved]
 415.14 Pretreatment standards for existing
 sources (PSES).
 415.15 [Reserved]

Subpart B—Aluminum Sulfate Production Subcategory

- 415.20 Applicability; description of the aluminum sulfate production subcategory.
- 415.21 Specialized definitions. [Reserved]
- 415.22 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.23 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 415.24 Pretreatment standards for existing sources (PSES).
- 415.25 New source performance standards (NSPS).
- 415.26 Pretreatment standards for new sources (PSNS).

Subpart C—Calcium Carbide Production Subcategory

- 415.30 Applicability; description of the calcium carbide production subcategory.
- 415.31 Specialized definitions. [Reserved]
- 415.32 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.33 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 415.34 [Reserved]
- 415.35 New source performance standards (NSPS).
- 415.36 Pretreatment standards for new sources (PSNS).

Subpart D—Calcium Chloride Production Subcategory

- 415.40 Applicability; description of the calcium chloride production subcategory.
- 415.41 Specialized definitions.
- 415.42 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.43 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 415.44 [Reserved]
- 415.45 New source performance standards (NSPS).
- 415.46 Pretreatment standards for new sources (PSNS).

Subpart E—Calcium Oxide Production Subcategory

- 415.50 Applicability; description of the calcium oxide production subcategory.
- 415.51 Specialized definitions. [Reserved]
- 415.52 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.53 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 415.54 [Reserved]
- 415.55 New source performance standards (NSPS).
- 415.56 Pretreatment standards for new sources (PSNS).

Subpart F—Chlor-alkali Subcategory (Chlorine and Sodium or Potassium Hydroxide Production)

- 415.60 Applicability; description of the chlorine and sodium or potassium hydroxide production subcategory.
- 415.61 Specialized definitions.
- 415.62 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.63 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 415.64 Pretreatment standards for existing sources (PSES).
- 415.65 New source performance standards (NSPS).
- 415.66 Pretreatment standards for new sources (PSNS).
- 415.67 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Subpart G—Hydrochloric Acid Production Subcategory [Reserved]**Subpart H—Hydrofluoric Acid Production Subcategory**

- 415.80 Applicability; description of the hydrofluoric acid production subcategory.
- 415.81 Specialized definitions. [Reserved]
- 415.82 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

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- 415.83 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 415.84 [Reserved]
- 415.85 New source performance standards (NSPS).
- 415.86 Pretreatment standards for new sources (PSNS).
- 415.87 [Reserved]

Subpart I—Hydrogen Peroxide Production Subcategory

- 415.90 Applicability; description of the hydrogen peroxide production subcategory.
- 415.91 Specialized definitions.
- 415.92 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Subpart J—Nitric Acid Production Subcategory [Reserved]

Subpart K—Potassium Metal Production Subcategory

- 415.110 Applicability; description of the potassium metal production subcategory.
- 415.111 Specialized definitions. [Reserved]
- 415.112 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.113 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 415.114 [Reserved]
- 415.115 New source performance standards (NSPS).
- 415.116 Pretreatment standards for new sources (PSNS).

Subpart L—Potassium Dichromate Production Subcategory

- 415.120 Applicability; description of the potassium dichromate production subcategory.
- 415.121 Specialized definitions. [Reserved]
- 415.122 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.123 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

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- 415.124 Pretreatment standards for existing sources (PSES).
- 415.125 New source performance standards (NSPS).
- 415.126 Pretreatment standards for new sources (PSNS).

Subpart M—Potassium Sulfate Production Subcategory

- 415.130 Applicability; description of the potassium sulfate production subcategory.
- 415.131 Specialized definitions. [Reserved]
- 415.132 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.133 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 415.134 [Reserved]
- 415.135 New source performance standards (NSPS).
- 415.136 Pretreatment standards for new sources (PSNS).

Subpart N—Sodium Bicarbonate Production Subcategory

- 415.140 Applicability; description of the sodium bicarbonate production subcategory.
- 415.141 Specialized definitions. [Reserved]
- 415.142 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.143 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 415.144 [Reserved]
- 415.145 New source performance standards (NSPS).
- 415.146 Pretreatment standards for new sources (PSNS).

Subpart O—Sodium Carbonate Production Subcategory [Reserved]

Subpart P—Sodium Chloride Production Subcategory

- 415.160 Applicability; description of the sodium chloride production subcategory.
- 415.161 Specialized definitions.
- 415.162 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

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415.163 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

415.164 [Reserved]

415.165 New source performance standards (NSPS).

415.166 Pretreatment standards for new sources (PSNS).

Subpart Q—Sodium Dichromate and Sodium Sulfate Production Subcategory

415.170 Applicability; description of the sodium dichromate and sodium sulfate production subcategory.

415.171 Specialized definitions.

415.172 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

415.173 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

415.174 [Reserved]

415.175 New source performance standards (NSPS).

415.176 Pretreatment standards for new sources (PSNS).

415.177 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Subpart R—Sodium Metal Production Subcategory [Reserved]

Subpart S—Sodium Silicate Production Subcategory [Reserved]

Subpart T—Sodium Sulfite Production Subcategory

415.200 Applicability; description of the sodium sulfite production subcategory.

415.201 Specialized definitions.

415.202 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

415.203 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

415.204 [Reserved]

415.205 New source performance standards (NSPS).

415.206 Pretreatment standards for new sources (PSNS).

415.207 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Subpart U—Sulfuric Acid Production Subcategory [Reserved]

Subpart V—Titanium Dioxide Production Subcategory

415.220 Applicability; description of the titanium dioxide production subcategory.

415.221 Specialized definitions.

415.222 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

415.223 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

415.224 [Reserved]

415.225 New source performance standards (NSPS).

415.226 Pretreatment standards for new sources (PSNS).

415.227 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Subpart W—Aluminum Fluoride Production Subcategory

415.230 Applicability; description of the aluminum fluoride production subcategory.

415.231 Specialized definitions.

415.232 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

415.233 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

415.234 [Reserved]

415.235 New source performance standards (NSPS).

415.236 [Reserved]

415.237 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

**Subpart X—Ammonium Chloride
Production Subcategory**

415.240 Applicability; description of the ammonium chloride production subcategory.

415.241 Specialized definitions.

415.242 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

**Subpart Y—Ammonium Hydroxide
Production Subcategory [Reserved]**

**Subpart Z—Barium Carbonate Production
Subcategory [Reserved]**

**Subpart AA—Borax Production
Subcategory**

415.270 Applicability; description of the borax production subcategory.

415.271 Specialized definitions. [Reserved]

415.272 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

415.273–415.275 [Reserved]

415.276 Pretreatment standards for new sources (PSNS).

**Subpart AB—Boric Acid Production
Subcategory**

415.280 Applicability; description of the boric acid production subcategory.

415.281 Specialized definitions.

415.282 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

**Subpart AC—Bromine Production
Subcategory**

415.290 Applicability; description of the bromine production subcategory.

415.291 Specialized definitions. [Reserved]

415.292 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

415.293–415.295 [Reserved]

415.296 Pretreatment standards for new sources (PSNS).

**Subpart AD—Calcium Carbonate
Production Subcategory**

415.300 Applicability; description of the calcium carbonate production subcategory.

415.301 Specialized definitions.

415.302 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

**Subpart AE—Calcium Hydroxide
Production Subcategory**

415.310 Applicability; description of the calcium hydroxide production subcategory.

415.311 Specialized definitions.

415.312 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

415.313–415.315 [Reserved]

415.316 Pretreatment standards for new sources (PSNS).

**Subpart AF—Carbon Dioxide Production
Subcategory [Reserved]**

**Subpart AG—Carbon Monoxide and By-
Product Hydrogen Production Subcategory**

415.330 Applicability; description of the carbon monoxide and by-product hydrogen production subcategory.

415.331 Specialized definitions.

415.332 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

**Subpart AH—Chrome Pigments Production
Subcategory**

415.340 Applicability; description of the chrome pigments production subcategory.

415.341 Specialized definitions.

415.342 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

415.343 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

415.344 Pretreatment standards for existing sources (PSES).

415.345 New source performance standards (NSPS).

415.346 Pretreatment standards for new sources (PSNS).

415.347 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Subpart AI—Chromic Acid Production Subcategory

- 415.350 Applicability; description of the chromic acid production subcategory.
 415.351 Specialized definitions. [Reserved]
 415.352 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
 415.353–415.355 [Reserved]
 415.356 Pretreatment standards for new sources (PSNS).

Subpart AJ—Copper Salts Production Subcategory

- 415.360 Applicability; description of the copper salts production subcategory.
 415.361 Specialized definitions.
 415.362 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
 415.363 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
 415.364 Pretreatment standards for existing sources (PSES).
 415.365 New source performance standards (NSPS).
 415.366 Pretreatment standards for new sources (PSNS).
 415.367 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Subpart AK—Cuprous Oxide Production Subcategory [Reserved]**Subpart AL—Ferric Chloride Production Subcategory**

- 415.380 Applicability; description of the ferric chloride production subcategory.
 415.381 Specialized definitions.
 415.382 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
 415.383 [Reserved]
 415.384 Pretreatment standards for existing sources (PSES).
 415.385 [Reserved]
 415.386 Pretreatment standards for new sources (PSNS).

Subpart AM—Ferrous Sulfate Production Subcategory [Reserved]**Subpart AN—Fluorine Production Subcategory**

- 415.400 Applicability; description of the fluorine production subcategory.
 415.401 Specialized definitions.
 415.402 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
 415.403–415.405 [Reserved]
 415.406 Pretreatment standards for new sources (PSNS).

Subpart AO—Hydrogen Production Subcategory

- 415.410 Applicability; description of the hydrogen production subcategory.
 415.411 Specialized definitions.
 415.412 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Subpart AP—Hydrogen Cyanide Production Subcategory

- 415.420 Applicability; description of the hydrogen cyanide production subcategory.
 415.421 Specialized definitions.
 415.422 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
 415.423 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
 415.424 [Reserved]
 415.425 New source performance standards (NSPS).
 415.426 Pretreatment standards for new sources (PSNS).
 415.427 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Subpart AQ—Iodine Production Subcategory

- 415.430 Applicability; description of the iodine production subcategory.
 415.431 Specialized definitions.
 415.432 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
 415.433–415.435 [Reserved]

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415.436 Pretreatment standards for new sources (PSNS).

Subpart AR—Lead Monoxide Production Subcategory

415.440 Applicability; description of the lead monoxide production subcategory.

415.441 Specialized definitions.

415.442 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

415.443 [Reserved]

415.444 Pretreatment standards for existing sources (PSES).

415.445 [Reserved]

415.446 Pretreatment standards for new sources (PSNS).

Subpart AS—Lithium Carbonate Production Subcategory

415.450 Applicability; description of the lithium carbonate production subcategory.

415.451 Specialized definitions.

415.452 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Subpart AT—Manganese Sulfate Production Subcategory [Reserved]

Subpart AU—Nickel Salts Production Subcategory

415.470 Applicability; description of the nickel salts production subcategory.

415.471 Specialized definitions.

415.472 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

415.473 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

415.474 Pretreatment standards for existing sources (PSES).

415.475 New source performance standards (NSPS).

415.476 Pretreatment standards for new sources (PSNS).

415.477 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Subpart AV—Strong Nitric Acid Production Subcategory [Reserved]

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Subpart AW—Oxygen and Nitrogen Production Subcategory

415.490 Applicability; description of the oxygen and nitrogen production subcategory.

415.491 Specialized definitions. [Reserved]

415.492 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Subpart AX—Potassium Chloride Production Subcategory

415.500 Applicability; description of the potassium chloride production subcategory.

415.501 Specialized definitions. [Reserved]

415.502 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

415.503–415.505 [Reserved]

415.506 Pretreatment standards for new sources (PSNS).

Subpart AY—Potassium Iodide Production Subcategory

415.510 Applicability; description of the potassium iodide production subcategory.

415.511 Specialized definitions.

415.512 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Subpart AZ—Potassium Permanganate Production Subcategory [Reserved]

Subpart BA—Silver Nitrate Production Subcategory

415.530 Applicability; description of the silver nitrate production subcategory.

415.531 Specialized definitions.

415.532 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

415.533 [Reserved]

415.534 Pretreatment standards for existing sources (PSES).

Subpart BB—Sodium Bisulfite Production Subcategory

415.540 Applicability; description of the sodium bisulfite production subcategory.

415.541 Specialized definitions.

415.542 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best

practicable control technology currently available (BPT).

- 415.543 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 415.544 [Reserved]
- 415.545 New source performance standards (NSPS).
- 415.546 Pretreatment standards for new sources (PSNS).
- 415.547 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Subpart BC—Sodium Fluoride Production Subcategory

- 415.550 Applicability; description of the sodium fluoride production subcategory.
- 415.551 Specialized definitions.
- 415.552 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.553 [Reserved]
- 415.554 Pretreatment standards for existing sources (PSES).
- 415.555 [Reserved]
- 415.556 Pretreatment standards for new sources (PSNS).

Subpart BD—Sodium Hydrosulfide Production Subcategory [Reserved]

Subpart BE—Sodium Hydrosulfite Production Subcategory [Reserved]

Subpart BF—Sodium Silicofluoride Production Subcategory [Reserved]

Subpart BG—Sodium Thiosulfate Production Subcategory [Reserved]

Subpart BH—Stannic Oxide Production Subcategory

- 415.600 Applicability; description of the stannic oxide production subcategory.
- 415.601 Specialized definitions.
- 415.602 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.603–415.605 [Reserved]
- 415.606 Pretreatment standards for new sources (PSNS).

Subpart BI—Sulfur Dioxide Production Subcategory [Reserved]

Subpart BJ—Zinc Oxide Production Subcategory [Reserved]

Subpart BK—Zinc Sulfate Production Subcategory

- 415.630 Applicability; description of the zinc sulfate production subcategory.
- 415.631 Specialized definitions.
- 415.632 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.633–415.635 [Reserved]
- 415.636 Pretreatment standards for new sources (PSNS).

Subpart BL—Cadmium Pigments and Salts Production Subcategory

- 415.640 Applicability; description of the cadmium pigments and salts production subcategory.
- 415.641 Specialized definitions.
- 415.642 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.643 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 415.644 Pretreatment standards for existing sources (PSES).
- 415.645 New source performance standards (NSPS).
- 415.646 Pretreatment standards for new sources (PSNS).
- 415.647 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Subpart BM—Cobalt Salts Production Subcategory

- 415.650 Applicability; description of the cobalt salts production subcategory.
- 415.651 Specialized definitions.
- 415.652 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.653 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 415.654 Pretreatment standards for existing sources (PSES).
- 415.655 New source performance standards (NSPS).

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- 415.656 Pretreatment standards for new sources (PSNS).
- 415.657 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Subpart BN—Sodium Chlorate Production Subcategory

- 415.660 Applicability; description of the sodium chlorate production subcategory.
- 415.661 Specialized definitions.
- 415.662 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.663 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 415.664 Pretreatment standards for existing sources (PSES). [Reserved]
- 415.665 New source performance standards (NSPS).
- 415.666 Pretreatment standards for new sources (PSNS).
- 415.667 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

Subpart BO—Zinc Chloride Production Subcategory

- 415.670 Applicability; description of the zinc chloride production subcategory.
- 415.671 Specialized definitions.
- 415.672 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).
- 415.673 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).
- 415.674 Pretreatment standards for existing sources (PSES).
- 415.675 New source performance standards (NSPS).
- 415.676 Pretreatment standards for new sources (PSNS).
- 415.677 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

AUTHORITY: Secs. 301, 304 (b), (c), (e), and (g), 306 (b) and (c), 307 (b) and (c), and 501 of the Clean Water Act (the Federal Water Pollution Control Act Amendments of 1972, as

amended by the Clean Water Act of 1977) (the "Act"); 33 U.S.C. 1311, 1314 (b), (c), (e), and (g), 1316 (b) and (c), 1317 (b) and (c), and 1361; 86 Stat. 816, Pub. L. 92-500; 91 Stat. 1567, Pub. L. 95-217.

SOURCE: 47 FR 28278, June 29, 1982, unless otherwise noted.

Subpart A—Aluminum Chloride Production Subcategory

§ 415.01 Compliance dates for pretreatment standards for existing sources.

The compliance dates for the pretreatment standards for existing sources (PSES) established in this part are as follows:

(a) The compliance date for subparts A, B, L, AL, AR, BA, and BC is July 20, 1980.

(b) The compliance date for subparts AJ, AU, BL, BM, BN and BO, except for discharges from copper sulfate or nickel sulfate manufacturing operations, is August 22, 1987.

(c) The compliance date for discharges from copper sulfate and nickel sulfate manufacturing operations and for all subparts in part 415 not listed in paragraphs (a) and (b) of this section is June 29, 1985.

[49 FR 33420, Aug. 22, 1984; 49 FR 37594, Sept. 25, 1984]

§ 415.10 Applicability; description of the aluminum chloride production subcategory.

The provisions of this subpart are applicable to discharges and to the introduction of pollutants into treatment works which are publicly owned resulting from the production of aluminum chloride.

§ 415.11 Specialized definitions. [Reserved]

§§ 415.12–415.13 [Reserved]

§ 415.14 Pretreatment standards for existing sources (PSES).

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for existing sources (PSES):