Environmental Protection Agency

Pt. 414, App. B

Dimethoxybenzaldehyde/Hydroquinone dimethyl ether + Hydrogen cyanide, hydrolysis

Benzyl cyanide/Benzyl chloride + Sodium cyanide

Coal tar products/Distillation of coal tar condensate

Cyanooic acid/Chloroacetic acid + sodium cyanide

Cyanuric chloride/Catalyzed trimerization of cyanogen chloride

Vat dyes, Indigo paste as Vat Blue 1/Sodium nitrate + potassium N-Phenylglycine, fused with caustic + Formaldehyde + Sodium bisulfite, sodium cyanide, hydrolysie with potassium hydroxide

Disperse dyes, Azo and Vat

Ethylenediamine tetraacetic acid/Ethylene diamine + Formaldehyde + Sodium cyanide

Diethylenetriamine pentaacetic acid/Hexamethylene tetraamine + Hydrogen cyanide, hydrolysis

Diacetamide/pentaacetic acid, ferric complex/Salicyladehyde + Ethylene diamine + Hydrogen cyanide, hydrolysis to amide

Diethylenetriamine pentaacetic acid, pentaammonium salt/Diethylenetriamine pentaacetic acid + caustic

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 acrylonitrile by ammomiation of propylene

Iminodiacetic acid/Hexamethylene tetraamine + Hydrogen cyanide, hydrolysis of iminoadicynitrite salt

Methionine/Acrolein + Methyl mercaptan, with hydrogen cyanide and ammonium carbonate

Nitrilotrriacetic acid/Hexamethylene tetraamine + Hydrogen cyanide, hydrolysis of nitrilotrriacetonitrile salt

Picolines, mixed Condensation of acetaldehyde + formaldehyde + ammonia

Organic pigments, Azo/Diazotization of aniline cogeners, coupling to B-Naphthyl Pyrimidines, 2-Isopropyl-4-methoxy-/Isobutyrionitrile + methanol, ammonia and methylacetoacetate (ring closure)

Pyridine (synthetic)/Condensation of acetaldehyde + ammonia + formaldehyde

Cyanoppyridine/Ammoxidation of picoline

Sarcosine (N-Methyl glycine), sodium salt/Hexamethylene tetraamine + Sodium cyanide, hydrolysis

Thiophene acetic acid/Chloromethylacetylated (Hydrogen chloride + Formaldehyde) + Sodium cyanide, hydrolysis

Tris(anilino)8-triazine/Cyanuric chloride + Aniline and its cogeners

Triethylorthooformate/Ethanol + Hydrogen cyanide

Trimethylorthooformate/Methanol + Hydrogen cyanide


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

Chromium

Azo dye intermediates/Substituted diazonium 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

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

PART 415—INORGANIC CHEMICALS 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 aluminum 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 available 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).
415.26 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).