

ILLINOIS POLLUTION CONTROL BOARD
July 13, 2000

IN THE MATTER OF:)
)
WASTEWATER PRETREATMENT) R00-15
UPDATE, USEPA REGULATIONS) (Identical-in-Substance
(July 1, 1999, through December 31, 1999)) Rulemaking - Water)

Adopted Rule. Final Order.

OPINION AND ORDER OF THE BOARD (by N.J. Melas):

Pursuant to Sections 7.2 and 13.3 of the Illinois Environmental Protection Act (Act) (415 ILCS 5/7.2 and 13.3 (1998)), the Board proposes amendments to the Illinois wastewater pretreatment regulations. Section 13.3 of the Act provides for quick adoption of regulations that are identical-in-substance to federal wastewater pretreatment regulations adopted by the United States Environmental Protection Agency (USEPA) pursuant to Sections 307(b), (c), and (d) and 402(b)(9) of the Federal Water Pollution Control Act (FWPCA) (33 U.S.C. §§ 1317(b), (c), (d), 1342(b)(9) (1996)). Section 13.3 of the Act also provides that Title VII of the Act and Section 5 of the Administrative Procedure Act (5 ILCS 100/5-35 and 5-40 (1998)), do not apply to this rulemaking. Accordingly, this rulemaking is not subject to first or second-notice review by the Joint Committee on Administrative Rules.

Section 7.2(b) of the Act (415 ILCS 5/7.2(b) (1998)) requires the Board to complete its identical-in-substance rulemaking actions within one year of the date of the earliest federal amendments involved in a docket. In this docket, the earliest federal action requiring Board action occurred on August 4, 1999. Therefore, the Board must complete its rulemaking activity in this docket prior to August 4, 2000.

FEDERAL ACTIONS CONSIDERED IN THIS RULEMAKING

This proposed rulemaking incorporates certain federal amendments that occurred during the period of July 1, 1999, through December 31, 1999. The federal wastewater pretreatment regulations are found at 40 C.F.R. §§ 400-499, interspersed throughout the federal wastewater effluent discharge rules. The USEPA amended its wastewater pretreatment regulations three times during that period: August 4, 1999; September 2, 1999; and December 30, 1999. This rulemaking incorporates all of those actions.

The federal amendments incorporated into this rulemaking are summarized as follows:

Federal Action

August 4, 1999
(64 Fed. Reg. 42552)

September 2, 1999
(64 Fed. Reg. 48103)

December 30, 1999
(64 Fed. Reg. 73414)

Summary

Standards for the Use or Disposal of Sewage Sludge. The USEPA amended regulations regarding the land application, surface disposal, and incineration of sewage sludge. The USEPA added a concentration for total chromium in land applied sewage sludge to the list of pollutants that are eligible for a removal credit.

Correcting amendments for Pharmaceutical Manufacturing Effluent Limitations Guidelines, Pretreatment Standards, and New Source Performance Standards. The USEPA corrected amendments made in a final rule published on September 21, 1998 (63 Fed. Reg. 50388).

Guidelines Establishing Test Procedures for the Analysis of Pollutants; Available Cyanide in Water. The USEPA amended its guidance on the analysis of cyanide in water for the purposes of compliance with the water quality requirements of the Clean Water Act.

PUBLIC COMMENTS

The Board adopted a proposal for public comment in this matter by order dated May 4, 2000. The proposal appeared in the May 26, 2000 issue of the *Illinois Register*. The Board accepted public comments on the proposal for a 45-day period following publication in the *Illinois Register*. The comment period expired on July 10, 2000. The Board received no comments during the public comment period.

DISCUSSIONAugust 4, 1999: Standards for the Use or Disposal of Sewage SludgeFederal Action

The USEPA amended regulations regarding the land application, surface disposal, and incineration of sewage sludge. The USEPA added a concentration for total chromium in land applied sewage sludge to the list of pollutants that are eligible for a removal credit. The amendments to 40 C.F.R. 503 are promulgated pursuant to Section 405 of the Clean Water Act

(CWA). 33 U.S.C. § 1345 (1996). The amendments to 40 C.F.R. 403 are promulgated pursuant to Sections 307 and 405 of the CWA. 33 U.S.C. §§ 1317 and 1345 (1996). Persons interested in a more detailed discussion of the August 4, 1999 federal action should refer to the cited *Federal Register* notice. The Board also updates all C.F.R. citations to the 1999 version.

Amendment to Board Rules

The Board incorporates this amendment into its rules by updating a single incorporation by reference to 40 C.F.R. 136 in the “Incorporations by Reference” Section found at 35 Ill. Adm. Code 310.107(b).

September 2, 1999: Correcting amendments for Pharmaceutical Manufacturing Effluent Limitations Guidelines, Pretreatment Standards, and New Source Performance Standards

Federal Action

On September 2, 1999, the USEPA corrected amendments made in a final rule published on September 21, 1998 at 63 Fed. Reg. 50388. The final rule omitted a clarifying abbreviation and contained four incorrect subsections. Persons interested in a more detailed discussion of the September 2, 1999 federal action should refer to the cited *Federal Register* notice.

Amendment to Board Rules

The Board incorporates these amendments into its rules by updating five sections in Part 307 Sewer Discharge Criteria, Subpart BN Pharmaceutical Manufacturing found at 35 Ill. Adm. Code 307.4900 through 307.4904.

December 30, 1999: Guidelines Establishing Test Procedures for the Analysis of Pollutants; Available Cyanide in Water

Federal Action

On December 30, 1999, the USEPA amended its guidance on the analysis of cyanide in water for the purposes of compliance with the water quality requirements of the CWA. The final regulation amends the “Guidelines Establishing Test Procedures for the Analysis of Pollutants” under Section 304(h) of the CWA by adding Method OIA-1677: Available Cyanide by Flow Injection, Ligand Exchange, and Amperometry. Method OIA-1677 employs flow injection analysis to measure “available cyanide” and is an additional test procedure for measuring the same cyanide species as are measured by currently approved methods for cyanide amenable to chlorination. Persons interested in a more detailed discussion of the December 30, 1999 federal action should refer to the cited *Federal Register* notice.

Amendment to Board Rules

The Board incorporates this amendment into its rules by updating a single incorporation by reference to 40 C.F.R. 136 in the “Incorporations by Reference” Section found at 35 Ill. Adm. Code 310.107(b).

REVISIONS TO THE TEXT OF THE PROPOSED AMENDMENTS IN FINAL
ADOPTION

Section Revised	Source(s) of Revision(s)	Revision(s)
Part 307 Source Note	Board	Added punctuation to “Ill. Reg.”
310.107(c)(1), (2), and (3)	Board	Did not add the “subsection” symbol to federal statute citations

ORDER

The Board will cause the amendments to be published in the *Illinois Register*.

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE C: WATER POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD

PART 307
SEWER DISCHARGE CRITERIA

SUBPART A: GENERAL PROVISIONS

Section	
307.101	Preamble (Renumbered)
307.102	General Requirements (Renumbered)
307.103	Mercury (Renumbered)
307.104	Cyanide (STORET number 00720) (Renumbered)
307.105	Pretreatment Requirements (Repealed)
307.1001	Preamble
307.1002	Definitions
307.1003	Test Procedures for Measurement
307.1005	Toxic Pollutants

SUBPART B: GENERAL AND SPECIFIC PRETREATMENT REQUIREMENTS

Section	
307.1101	General and Specific Requirements
307.1102	Mercury
307.1103	Cyanide

SUBPART F: DAIRY PRODUCTS PROCESSING

Section	
307.1501	Receiving Stations
307.1502	Fluid Products
307.1503	Cultured Products
307.1504	Butter
307.1505	Cottage Cheese and Cultured Cream Cheese
307.1506	Natural and Processed Cheese
307.1507	Fluid Mix for Ice Cream and other Frozen Desserts
307.1508	Ice Cream, Frozen Desserts, Novelties and Other Dairy Desserts
307.1509	Condensed Milk
307.1510	Dry Milk
307.1511	Condensed Whey
307.1512	Dry Whey

SUBPART G: GRAIN MILLS

Section	
307.1601	Corn Wet Milling
307.1602	Corn Dry Milling
307.1603	Normal Wheat Flour Milling
307.1604	Bulgur Wheat Flour Milling
307.1605	Normal Rice Milling
307.1606	Parboiled Rice Milling
307.1607	Animal Feed
307.1608	Hot Cereal
307.1609	Ready-to-eat Cereal
307.1610	Wheat Starch and Gluten

SUBPART H: CANNED AND PRESERVED FRUITS AND VEGETABLES

Section	
307.1700	General Provisions
307.1701	Apple Juice
307.1702	Apple Products
307.1703	Citrus Products
307.1704	Frozen Potato Products
307.1705	Dehydrated Potato Products
307.1706	Canned and Preserved Fruits
307.1707	Canned and Preserved Vegetables

307.1708 Canned and Miscellaneous Specialties

SUBPART I: CANNED AND PRESERVED SEAFOOD

Section

307.1801 Farm-raised Catfish
307.1815 Fish Meal Processing Subcategory

SUBPART J: SUGAR PROCESSING

Section

307.1901 Beet Sugar Processing
307.1902 Crystalline Cane Sugar Refining
307.1903 Liquid Cane Sugar Refining

SUBPART K: TEXTILE MILLS

Section

307.2000 General Provisions
307.2001 Wool Scouring
307.2002 Wool Finishing
307.2003 Low Water Use Processing
307.2004 Woven Fabric Finishing
307.2005 Knit Fabric Finishing
307.2006 Carpet Finishing
307.2007 Stock and Yarn Finishing
307.2008 Nonwoven Manufacturing
307.2009 Felted Fabric Processing

SUBPART L: CEMENT MANUFACTURING

Section

307.2101 Nonleaching
307.2102 Leaching
307.2103 Materials Storage Piles Runoff

SUBPART M: FEEDLOTS

Section

307.2201 General
307.2202 Ducks

SUBPART N: ELECTROPLATING

Section

307.2300 General Provisions
307.2301 Electroplating of Common Metals
307.2302 Electroplating of Precious Metals
307.2304 Anodizing

307.2305	Coatings
307.2306	Chemical Etching and Milling
307.2307	Electroless Plating
307.2308	Printed Circuit Boards

SUBPART O: ORGANIC CHEMICALS, PLASTICS AND SYNTHETIC FIBERS

Section	
307.2400	General Provisions
307.2401	Rayon Fibers
307.2402	Other Fibers
307.2403	Thermoplastic Resins
307.2404	Thermosetting Resins
307.2405	Commodity Organic Chemicals
307.2406	Bulk Organic Chemicals
307.2407	Specialty Organic Chemicals
307.2410	Indirect Discharge Point Sources
307.2490	Non-complexed Metal-bearing and Cyanide-bearing Wastestreams
307.2491	Complexed Metal-bearing Wastestreams

SUBPART P: INORGANIC CHEMICALS MANUFACTURING

Section	
307.2500	General Provisions
307.2501	Aluminum Chloride Production
307.2502	Aluminum Sulfate Production
307.2503	Calcium Carbide Production
307.2504	Calcium Chloride Production
307.2505	Calcium Oxide Production
307.2506	Chlor-alkali Process (Chlorine and Sodium or Potassium Hydroxide Production)
307.2508	Hydrofluoric Acid Production
307.2509	Hydrogen Peroxide Production
307.2511	Potassium Metal Production
307.2512	Potassium Dichromate Production
307.2513	Potassium Sulfate Production
307.2514	Sodium Bicarbonate Production
307.2516	Sodium Chloride Production
307.2517	Sodium Dichromate and Sodium Sulfate Production
307.2520	Sodium Sulfite Production
307.2522	Titanium Dioxide Production
307.2523	Aluminum Fluoride Production
307.2524	Ammonium Chloride Production
307.2527	Borax Production
307.2528	Boric Acid Production

307.2529	Bromine Production
307.2530	Calcium Carbonate Production
307.2531	Calcium Hydroxide Production
307.2533	Carbon Monoxide and Byproduct Hydrogen Production
307.2534	Chrome Pigments Production
307.2535	Chromic Acid Production
307.2536	Copper Salts Production
307.2538	Ferric Chloride Production
307.2540	Fluorine Production
307.2541	Hydrogen Production
307.2542	Hydrogen Cyanide Production
307.2543	Iodine Production
307.2544	Lead Monoxide Production
307.2545	Lithium Carbonate Production
307.2547	Nickel Salts Production
307.2549	Oxygen and Nitrogen Production
307.2550	Potassium Chloride Production
307.2551	Potassium Iodide Production
307.2553	Silver Nitrate Production
307.2554	Sodium Bisulfite Production
307.2555	Sodium Fluoride Production
307.2560	Stannic Oxide Production
307.2563	Zinc Sulfate Production
307.2564	Cadmium Pigments and Salts Production
307.2565	Cobalt Salts Production
307.2566	Sodium Chlorate Production
307.2567	Zinc Chloride Production

SUBPART R: SOAP AND DETERGENTS

Section	
307.2701	Soap Manufacturing by Batch Kettle
307.2702	Fatty Acid Manufacturing by Fat Splitting
307.2703	Soap Manufacturing by Fatty Acid Neutralization
307.2704	Glycerine Concentration
307.2705	Glycerine Distillation
307.2706	Manufacture of Soap Flakes and Powders
307.2707	Manufacture of Bar Soaps
307.2708	Manufacture of Liquid Soaps
307.2709	Oleum Sulfonation and Sulfation
307.2710	Air-Sulfur Trioxide Sulfation and Sulfonation
307.2711	Sulfur Trioxide Solvent and Vacuum Sulfonation
307.2712	Sulfamic Acid Sulfation
307.2713	Chlorosulfonic Acid Sulfation

307.2714	Neutralization of Sulfuric Acid Esters and Sulfonic Acids
307.2715	Manufacture of Spray Dried Detergents
307.2716	Manufacture of Liquid Detergents
307.2717	Manufacturing of Detergents by Dry Blending
307.2718	Manufacture of Drum Dried Detergents
307.2719	Manufacture of Detergent Bars and Cakes

SUBPART S: FERTILIZER MANUFACTURING

Section	
307.2801	Phosphate
307.2802	Ammonia
307.2803	Urea
307.2804	Ammonium Nitrate
307.2805	Nitric Acid
307.2806	Ammonium Sulfate Production
307.2807	Mixed and Blend Fertilizer Production

SUBPART T: PETROLEUM REFINING

Section	
307.2901	Topping
307.2902	Cracking
307.2903	Petrochemical
307.2904	Lube
307.2905	Integrated

SUBPART U: IRON AND STEEL MANUFACTURING

Section	
307.3000	General Provisions
307.3001	Cokemaking
307.3002	Sintering
307.3003	Ironmaking
307.3004	Steelmaking
307.3005	Vacuum Degassing
307.3006	Continuous Casting
307.3007	Hot Forming
307.3008	Salt Bath Descaling
307.3009	Acid Pickling
307.3010	Cold Forming
307.3011	Alkaline Cleaning
307.3012	Hot Coating

SUBPART V: NONFERROUS METALS MANUFACTURING

Section

307.3100	General Provisions
307.3101	Bauxite Refining
307.3102	Primary Aluminum Smelting
307.3103	Secondary Aluminum Smelting
307.3104	Primary Copper Smelting
307.3105	Primary Electrolytic Copper Refining
307.3106	Secondary Copper
307.3107	Primary Lead
307.3108	Primary Zinc
307.3109	Metallurgical Acid Plants
307.3110	Primary Tungsten
307.3111	Primary Columbium-Tantalum
307.3112	Secondary Silver
307.3113	Secondary Lead
307.3114	Primary Antimony
307.3115	Primary Beryllium
307.3116	Primary and Secondary Germanium and Gallium
307.3117	Secondary Indium
307.3118	Secondary Mercury
307.3119	Primary Molybdenum and Rhenium
307.3120	Secondary Molybdenum and Vanadium
307.3121	Primary Nickel and Cobalt
307.3122	Secondary Nickel
307.3123	Primary Precious Metals and Mercury
307.3124	Secondary Precious Metals
307.3125	Primary Rare Earth Metals
307.3126	Secondary Tantalum
307.3127	Secondary Tin
307.3128	Primary and Secondary Titanium
307.3129	Secondary Tungsten and Cobalt
307.3130	Secondary Uranium
307.3131	Primary Zirconium and Hafnium

SUBPART X: STEAM ELECTRIC POWER GENERATING

Section	
307.3301	Steam Electric Power Generating

SUBPART Y: FERROALLOY MANUFACTURING

Section	
307.3401	Open Electric Furnaces With Wet Air Pollution Control Devices
307.3402	Covered Electric Furnaces and Other Smelting Operations with Wet Air Pollution Control Devices
307.3403	Slag Processing

307.3404	Covered Calcium Carbide Furnaces With Wet Air Pollution Control Devices
307.3405	Other Calcium Carbide Furnaces
307.3406	Electrolytic Manganese Products
307.3407	Electrolytic Chromium

SUBPART Z: LEATHER TANNING AND FINISHING

Section	
307.3500	General Provisions
307.3501	Hair Pulp, Chrome Tan, Retan-Wet Finish
307.3502	Hair Save, Chrome Tan, Retan-Wet Finish
307.3503	Hair Save or Pulp, Non-Chrome Tan, Retan-Wet Finish
307.3504	Retan-Wet Finish-Sides
307.3505	No Beamhouse
307.3506	Through-the-Blue
307.3507	Shearling
307.3508	Pigskin
307.3509	Retan-Wet Finish-Splits
307.3590	Potassium Ferricyanide Titration Method

SUBPART BA: GLASS MANUFACTURING

Section	
307.3601	Insulation Fiberglass
307.3602	Sheet Glass Manufacturing
307.3603	Rolled Glass Manufacturing
307.3604	Plate Glass Manufacturing
307.3605	Float Glass Manufacturing
307.3606	Automotive Glass Tempering
307.3607	Automotive Glass Laminating
307.3608	Glass Container Manufacturing
307.3610	Glass Tubing (Danner) Manufacturing
307.3611	Television Picture Tube Envelope Manufacturing
307.3612	Incandescent Lamp Envelope Manufacturing
307.3613	Hand Pressed and Blown Glass Manufacturing

SUBPART BB: ASBESTOS MANUFACTURING

Section	
307.3701	Asbestos-Cement Pipe
307.3702	Asbestos-Cement Sheet
307.3703	Asbestos Paper (Starch Binder)
307.3704	Asbestos Paper (Elastomeric Binder)
307.3705	Asbestos Millboard
307.3706	Asbestos Roofing
307.3707	Asbestos Floor Tile

307.3708	Coating or Finishing of Asbestos Textiles
307.3709	Solvent Recovery
307.3710	Vapor Absorption
307.3711	Wet Dust Collection

SUBPART BC: RUBBER MANUFACTURING

Section

307.3801	Tire and Inner Tube Plants
307.3802	Emulsion Crumb Rubber
307.3803	Solution Crumb Rubber
307.3804	Latex Rubber
307.3805	Small-Sized General Molded, Extruded and Fabricated Rubber Plants
307.3806	Medium-Sized General Molded, Extruded and Fabricated Rubber Plants
307.3807	Large-Sized General Molded, Extruded and Fabricated Rubber Plants
307.3808	Wet Digestion Reclaimed Rubber
307.3809	Pan, Dry Digestion and Mechanical Reclaimed Rubber
307.3810	Latex-Dipped, Latex-Extruded and Latex-Molded Rubber
307.3811	Latex Foam

SUBPART BD: TIMBER PRODUCTS PROCESSING

Section

307.3900	General Provisions
307.3901	Barking
307.3902	Veneer
307.3903	Plywood
307.3904	Dry Process Hardboard
307.3905	Wet Process Hardboard
307.3906	Wood Preserving-Water Borne or Nonpressure
307.3907	Wood Preserving-Steam
307.3908	Wood Preserving- Boulton
307.3909	Wet Storage
307.3910	Log Washing
307.3911	Sawmills and Planing Mills
307.3912	Finishing
307.3913	Particleboard Manufacturing
307.3914	Insulation Board
307.3915	Wood Furniture and Fixture Production Without Water Wash Spray Booth(s) or Without Laundry Facilities
307.3916	Wood Furniture and Fixture Production with Water Wash Spray Booth(s) or With Laundry Facilities

SUBPART BE: PULP, PAPER AND PAPERBOARD

Section

307.4000	General Provisions
307.4001	Dissolving Kraft
307.4002	Bleached Papergrade Kraft and Soda
307.4003	Unbleached Kraft
307.4004	Dissolving Sulfite
307.4005	Papergrade Sulfite
307.4006	Semi-Chemical
307.4007	Mechanical Pulp
307.4008	Non-Wood Chemical Pulp
307.4009	Secondary Fiber Deink
307.4010	Secondary Fiber Non-Deink
307.4011	Fine and Lightweight Papers from Purchased Pulp
307.4012	Tissue, Filter, Non-Woven, and Paperboard from Purchased Pulp
307.4013	Groundwood-Thermo-Mechanical (Repealed)
307.4014	Groundwood-CMN Papers (Repealed)
307.4015	Groundwood-Fine Papers (Repealed)
307.4016	Soda (Repealed)
307.4017	Deink (Repealed)
307.4018	Nonintegrated-Fine Papers (Repealed)
307.4019	Nonintegrated-Tissue Papers (Repealed)
307.4020	Tissue From Wastepaper (Repealed)
307.4021	Papergrade Sulfite (Drum Wash) (Repealed)
307.4022	Unbleached Kraft and Semi-Chemical (Repealed)
307.4023	Wastepaper-Molded Products (Repealed)
307.4024	Nonintegrated-Lightweight Papers (Repealed)
307.4025	Nonintegrated-Filter and Nonwoven Papers (Repealed)
307.4026	Nonintegrated-Paperboard (Repealed)

SUBPART BF: BUILDERS' PAPER AND BOARD MILLS (Repealed)

Section	
307.4101	Builder's Paper and Roofing Felt (Repealed)

SUBPART BG: MEAT PRODUCTS

Section	
307.4201	Simple Slaughterhouse
307.4202	Complex Slaughterhouse
307.4203	Low-Processing Packinghouse
307.4204	High-Processing Packinghouse
307.4205	Small Processor
307.4206	Meat Cutter
307.4207	Sausage and Luncheon Meats Processor
307.4208	Ham Processor
307.4209	Canned Meats Processor

307.4210 Renderer

SUBPART BH: METAL FINISHING

Section

307.4300 General Provisions

307.4301 Metal Finishing

SUBPART BN: PHARMACEUTICAL MANUFACTURING

Section

307.4900 General Provisions

307.4901 Fermentation Products

307.4902 Extraction Products

307.4903 Chemical Synthesis Products

307.4904 Mixing/Compounding and Formulation

307.4905 Research (Repealed)

SUBPART BR: PAVING AND ROOFING MATERIALS (TARS AND ASPHALT)

Section

307.5301 Asphalt Emulsion

307.5302 Asphalt Concrete

307.5303 Asphalt Roofing

307.5304 Linoleum and Printed Asphalt Felt

SUBPART BU: PAINT FORMULATING

Section

307.5601 Oil-Base Solvent Wash Paint

SUBPART BV: INK FORMULATING

Section

307.5701 Oil-Base Solvent Wash Ink

SUBPART CD: PESTICIDE CHEMICALS

Section

307.6500 General Provisions

307.6501 Organic Pesticide Chemicals Manufacturing

307.6502 Metallo-Organic Pesticides Chemicals Manufacturing

307.6503 Pesticide Chemicals Formulating and Packaging

SUBPART CG: CARBON BLACK MANUFACTURING

Section

307.6801 Carbon Black Furnace Process

307.6802 Carbon Black Thermal Process

307.6803 Carbon Black Channel Process

307.6804 Carbon Black Lamp Process

SUBPART CJ: BATTERY MANUFACTURING

Section

307.7100 General Provisions
 307.7101 Cadmium
 307.7102 Calcium
 307.7103 Lead
 307.7104 Leclanche
 307.7105 Lithium
 307.7106 Magnesium
 307.7107 Zinc

SUBPART CL: PLASTICS MOLDING AND FORMING

Section

307.7300 General Provisions
 307.7301 Contact Cooling and Heating Water
 307.7302 Cleaning Water
 307.7303 Finishing Water

SUBPART CM: METAL MOLDING AND CASTING

Section

307.7400 General Provisions
 307.7401 Aluminum Casting
 307.7402 Copper Casting
 307.7403 Ferrous Casting
 307.7404 Zinc Casting

SUBPART CN: COIL COATING

Section

307.7500 General Provisions
 307.7501 Steel Basis Material
 307.7502 Galvanized Basis Material
 307.7503 Aluminum Basis Material
 307.7504 Canmaking

SUBPART CO: PORCELAIN ENAMELING

Section

307.7600 General Provisions
 307.7601 Steel Basis Material
 307.7602 Cast Iron Basis Material
 307.7603 Aluminum Basis Material
 307.7604 Copper Basis Material

SUBPART CP: ALUMINUM FORMING

Section

307.7700	General Provisions
307.7701	Rolling With Neat Oils
307.7702	Rolling With Emulsions
307.7703	Extrusion
307.7704	Forging
307.7705	Drawing With Neat Oils
307.7706	Drawing With Emulsions or Soaps

SUBPART CQ: COPPER FORMING

Section

307.7800	General Provisions
307.7801	Copper Forming
307.7802	Beryllium Copper Forming

SUBPART CR: ELECTRICAL AND ELECTRONIC COMPONENTS

Section

307.7901	Semiconductor
307.7902	Electronic Crystals
307.7903	Cathode Ray Tube
307.7904	Luminescent Materials

SUBPART CT: NONFERROUS METALS FORMING AND METAL POWDERS

Section

307.8100	General Provisions
307.8101	Lead-Tin-Bismuth Forming
307.8102	Magnesium Forming
307.8103	Nickel-Cobalt Forming
307.8104	Precious Metals Forming
307.8105	Refractory Metals Forming
307.8106	Titanium Forming
307.8107	Uranium Forming
307.8108	Zinc Forming
307.8109	Zirconium-Hafnium Forming
307.8110	Metal Powders

Appendix A References to Previous Rules (Repealed)

AUTHORITY: Implementing Sections 7.2, 13 and 13.3 and authorized by Section 27 of the Environmental Protection Act [415 ILCS 5/7.2, 13, 13.3, and 27].

SOURCE: Adopted in R70-5, at 1 PCB 426, March 31, 1971; amended in R71-14, at 4 PCB 3, March 7, 1972; amended in R74-3, at 19 PCB 182, October 30, 1975; amended in R74-15, 16, at 31 PCB 405, at 2 Ill. Reg. 44, p. 151, effective November 2, 1978; amended in R76-17, at 31 PCB 713, at 2 Ill. Reg. 45, p. 101, effective November 5, 1978; amended in R76-21, at 44 PCB 203, at 6 Ill. Reg. 563, effective December 24, 1981; codified at 6 Ill. Reg. 7818; amended in R82-5, 10, at 54 PCB 411, at 8 Ill. Reg. 1625, effective January 18, 1984; amended in R86-44 at 12 Ill. Reg. 2592, effective January 13, 1988; amended in R88-11 at 12 Ill. Reg. 13094, effective July 29, 1988; amended in R88-18 at 13 Ill. Reg. 1794, effective January 31, 1989; amended in R89-3 at 13 Ill. Reg. 19288, effective November 17, 1989; amended in R88-9 at 14 Ill. Reg. 3100, effective February 20, 1990; amended in R89-12 at 14 Ill. Reg. 7620, effective May 8, 1990; amended in R91-5 at 16 Ill. Reg. 7377, effective April 27, 1992; amended in R93-2 at 17 Ill. Reg. 19483, effective October 29, 1993; amended in R94-10 at 19 Ill. Reg. 9142, effective June 23, 1995; amended in R95-22 at 20 Ill. Reg. 5549, effective April 1, 1996; amended in R97-23 at 21 Ill. Reg. 11930, effective August 12, 1997; amended in R99-4 at 23 Ill. Reg. 4413, effective March 31, 1999; amended in R99-17 at 23 Ill. Reg. 8421, effective July 12, 1999; amended in R00-15 at 24 Ill. Reg. _____, effective _____.

SUBPART BN: PHARMACEUTICAL MANUFACTURING

Section 307.4900 General Provisions

- a) Applicability. This Subpart applies to any pharmaceutical manufacturing facility which introduces or may introduce process wastewater pollutants into a POTW.
- b) General definitions. The Board incorporates by reference 40 CFR 439.1 (~~1998~~1999), as amended at ~~63 Fed. Reg. 50388, September 21, 1998~~64 Fed. Reg. 48103, September 2, 1999. This incorporation includes no later amendments or editions.
- c) Monitoring requirements. The Board incorporates by reference 40 CFR 439.4 (~~1998~~1999), as amended at ~~63 Fed. Reg. 50388, September 21, 1998~~. This incorporation includes no later amendments or editions.
- d) General pretreatment standards. The Board incorporates by reference 40 CFR 439.3 (~~1998~~1999), as amended at ~~63 Fed. Reg. 50388, September 21, 1998~~. This incorporation includes no later amendments or editions.
- e) Surrogate parameters for indirect dischargers. The Board incorporates by reference 40 CFR 439.3 (~~1998~~1999), as amended at ~~63 Fed. Reg. 50388, September 21, 1998~~, and at ~~64 Fed. Reg. 10391, March 4, 1999~~. This incorporation includes no later amendments or editions.

(Source: Amended at 24 Ill. Reg. _____, effective _____.)

Section 307.4901 Fermentation Products

- a) Applicability. This Section applies to discharges resulting from the manufacture of pharmaceuticals by fermentation.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 439.11 (~~19981999~~), as amended at ~~63 Fed. Reg. 50388, September 21, 1998~~. This incorporation includes no later amendments or editions.
- c) Existing sources:
 - 1) The Board incorporates by reference 40 CFR 439.16 (~~19981999~~), as amended at ~~63 Fed. Reg. 50388, September 21, 1998, and at 64 Fed. Reg. 10391, March 4, 1999~~. This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
 - 1) The Board incorporates by reference 40 CFR 439.17 (~~19981999~~), as amended at ~~63 Fed. Reg. 50388, September 21, 1998, and at 64 Fed. Reg. 10391, March 4, 1999~~ 64 Fed. Reg. 48103, September 2, 1999. This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
 - 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 26, 1982.

(Source: Amended at 24 Ill. Reg. _____, effective _____.)

Section 307.4902 Extraction Products

- a) Applicability. This Section applies to discharges resulting from the manufacture of pharmaceuticals by extraction.

- b) Specialized definitions. The Board incorporates by reference 40 CFR 439.21 (19981999), as amended at 63 Fed. Reg. 50388, September 21, 1998. This incorporation includes no later amendments or editions.
- c) Existing sources:
- 1) The Board incorporates by reference 40 CFR 439.26 (19981999), as amended at 63 Fed. Reg. 50388, September 21, 1998, and at 64 Fed. Reg. 10391, March 4, 1999. This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
- 1) The Board incorporates by reference 40 CFR 439.27 (19981999), as amended at 63 Fed. Reg. 50388, September 21, 1998, 64 Fed. Reg. 48103, September 2, 1999. This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
 - 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 26, 1982.

(Source: Amended at 24 Ill. Reg. _____, effective _____.)

Section 307.4903 Chemical Synthesis Products

- a) Applicability. This Section applies to discharges resulting from the manufacture of pharmaceuticals by chemical synthesis.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 439.31 (19981999), as amended at 63 Fed. Reg. 50388, September 21, 1998. This incorporation includes no later amendments or editions.
- c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 439.36 (19981999), as amended at ~~63 Fed. Reg. 50388, September 21, 1998, and at 64 Fed. Reg. 10391, March 4, 1999.~~ This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) New sources:
- 1) The Board incorporates by reference 40 CFR 439.37 (19981999), as amended at ~~63 Fed. Reg. 50388, September 21, 1998, and at 64 Fed. Reg. 10391, March 4, 1999~~ 64 Fed. Reg. 48103, September 2, 1999. This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
 - 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 26, 1982.

(Source: Amended at 24 Ill. Reg. _____, effective _____.)

Section 307.4904 Mixing/Compounding and Formulation

- a) Applicability. This Section applies to discharges resulting from mixing/compounding and formulation operations of pharmaceutical products.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 439.41 (19981999), as amended at ~~63 Fed. Reg. 50388, September 21, 1998.~~ This incorporation includes no later amendments or editions.
- c) Existing sources:
 - 1) The Board incorporates by reference 40 CFR 439.46 (19981999), as amended at ~~63 Fed. Reg. 50388, September 21, 1998.~~ This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

d) New sources:

- 1) The Board incorporates by reference 40 CFR 439.47 (~~1998~~1999), as amended at ~~63 Fed. Reg. 50388, September 21, 1998~~ 64 Fed. Reg. 48103, September 2, 1999. This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.
- 3) "New source" means any building, structure, facility or installation the construction of which commenced after November 26, 1982.

(Source: Amended at 24 Ill. Reg. _____, effective _____.)

TITLE 35: ENVIRONMENTAL PROTECTION
 SUBTITLE C: WATER POLLUTION
 CHAPTER I: POLLUTION CONTROL BOARD

PART 310
 PRETREATMENT PROGRAMS

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AUTHORITY: Implementing and authorized by Sections 7.2, 13, 13.3, and 27 of the Environmental Protection Act [415 ILCS 5/7.2, 13, 13.3 and 27].

SOURCE: Adopted in R86-44 at 12 Ill. Reg. 2502, effective January 13, 1988; amended in R88-18 at 13 Ill. Reg. 2463, effective January 31, 1989; amended in R89-3 at 13 Ill. Reg. 19243, effective November 27, 1989; amended in R89-12 at 14 Ill. Reg. 7608, effective May 8, 1990; amended in R91-5 at 16 Ill. Reg. 7346, effective April 27, 1992; amended in R95-22 at 20 Ill. Reg. 5533, effective April 1, 1996; amended in R96-12 at 20 Ill. Reg. 10671, effective July 24, 1996; amended in R97-7 at 21 Ill. Reg. 5163, effective April 10, 1997; amended in R98-23 at 22 Ill. Reg. 11465, effective June 22, 1998; amended in R99-17 at 23 Ill. Reg. 8412, effective July 12, 1999; amended in R00-7 at 24 Ill. Reg. 2372, effective January 26, 2000; amended in R00-15 in 24 Ill. Reg. _____, effective - _____.

SUBPART A: GENERAL PROVISIONS

Section 310.107 Incorporations by Reference

- a) The following publications are incorporated by reference:
- 1) The consent decree in NRDC v. Costle, 12 Environment Reporter Cases 1833 (D.C. Cir. August 16, 1978).
 - 2) Standard Industrial Classification Manual (1972), and 1977 Supplement, republished in 1983, available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20401.
- b) The following provisions of the Code of Federal Regulations are incorporated by reference:
- 40 CFR 2.302 (~~1998~~1999)
- 40 CFR 25 (~~1998~~1999)
- 40 CFR 122, Appendix D, Tables II and III (~~1998~~1999)
- 40 CFR 128.140(b) (1977)
- ~~40 CFR 136 (19981999), as amended at 63 Fed. Reg. 50388, September 21, 1998, as amended at 64 Fed. Reg. 4975, February 2, 1999, as amended at 64 Fed. Reg. 26315, May 14, 1999, as amended at 64 Fed. Reg. 30417, June 8, 1999 64 Fed. Reg. 42552, August 4, 1999, and 64 Fed. Reg. 73414, December 30, 1999~~
- 40 CFR 403 (~~1998~~1999)

40 CFR 403, Appendix D (~~1998~~1999)

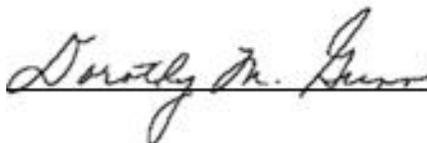
- c) The following federal statutes are incorporated by reference:
 - 1) Section 1001 of the Criminal Code (18 USC 1001) as of July 1, 1988
 - 2) Clean Water Act (33 USC 1251 *et seq.*) as of July 1, 1988
 - 3) Subtitles C and D of the Resource Conservation and Recovery Act (42 USC 6901 *et seq.*) as of July 1, 1988

- d) This Part incorporates no future editions or amendments.

(Source: Amended at 24 Ill. Reg. _____, effective _____.)

IT IS SO ORDERED.

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, hereby certify that the above opinion and order was adopted on the 13th day of July 2000 by a vote of 7-0.

A handwritten signature in cursive script, reading "Dorothy M. Gunn", written over a horizontal line.

Dorothy M. Gunn, Clerk
Illinois Pollution Control Board