

ILLINOIS POLLUTION CONTROL BOARD

August 7, 1997

IN THE MATTER OF:	)	
	)	R97-23
WASTEWATER PRETREATMENT	)	(Identical-in-Substance -
UPDATE USEPA REGULATION (July 1,	)	Rulemaking - Water)
1996 through December 31, 1996)	)	

Adopted Rule. Final Order.

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

The Board today adopts as final rules amendments to the pretreatment regulations pursuant to Section 13.3 of the Environmental Protection Act (Act) (415 ILCS 5/13.3 (1996)). These amendments were proposed for public comment in the Board's proposed opinion and order of May 1, 1997.

Section 13.3 of the Environmental Protection Act (Act) (415 ILCS 5/13.3 (1996)) requires the Board to adopt regulations which are identical-in-substance with federal regulations promulgated by the United States Environmental Protection Agency (USEPA) to implement the pretreatment requirements of Sections 307 and 402 of the Clean Water Act. 33 U.S.C. §§ 1317, 1342 (1977). Section 13.3 of the Act (415 ILCS 5/13.3 (1996)) provides that Title VII of the Act and Sections 5-35 and 5-75 of the Administrative Procedure Act (APA) shall not apply to identical-in-substance regulations adopted to establish the pretreatment program (5 ILCS 100/5-35 and 100/5-75 (1996)). However, Section 13.3 of the Act (415 ILCS 5/13.3 (1996)) requires the Board to provide for notice and public comment before rules are filed with the Secretary of State.

This rulemaking updates the pretreatment rules to cover USEPA rules adopted from July 1 through December 31, 1996. The following Federal Registers are included:

61 Fed. Reg. 35680	July 8, 1996
61 Fed. Reg. 57517	November 6, 1996
61 Fed. Reg. 66123	December 16, 1996

The pretreatment rules govern discharges by industrial users to publicly owned treatment works (POTWs). The rules are intended to prevent pollutants from industrial discharges from passing through POTWs, without adequate treatment, to waters of the State, and to prevent industrial discharges from interfering with the operation of the treatment plant. Effluent discharges are regulated pursuant to 35 Ill. Adm. Code 304 and 309.

The Illinois pretreatment rules are contained in 35 Ill. Adm. Code 307, 309 and 310. Part 307 includes the categorical pretreatment standards, which are incorporated by reference from the USEPA rules. Part 309 sets forth the NPDES requirements. Although Part 309 does not pertain directly to sewer users and industrial wastewater pretreatment, it includes requirements at Section 309.103 that pertain to NPDES permittees required to have an approved pretreatment program. Part 310 specifies how a POTW sets up a pretreatment program, and how industrial users get pretreatment permits or authorizations to discharge.

### PUBLIC COMMENTS

The notice of proposed amendments for this rulemaking appeared in the *Illinois Register* on May 16, 1997 at 21 Ill. Reg. 5997. The publication of the proposed rules opened a 45-day comment period. No public comments were received by the Board during the comment period. The Board received recommended corrections to the proposed amendments from the Joint Committee on Administrative Rules. These corrections are mainly for clarification and consistency and have been incorporated in the amendments as proposed for adoption.

The complete text of the adopted amendments follows the discussion of the amendments.

### DISCUSSION

On July 8, 1996 at 61 Fed. Reg. 35680, by direct final rule, USEPA modified the pretreatment standards for existing and new sources applicable to certain facilities in the leather tanning and finishing point source category that conduct unhairing operations and that discharge process wastewater to publicly owned treatment works (POTW). The rule was effective October 7, 1996. USEPA revised the existing pretreatment standards to eliminate the upper (alkaline) pH limits for four subcategories. The Board proposes to amend its rules to remove upper pH limit by modifying the standard of "between 7 and 10" to "not less than 7". These revisions apply to the standards in Subparts A, B, F, and H of 40 CFR Part 425 at Sections 425.15, 425.25, 425.65 and 425.85. These sections are incorporated in the pretreatment regulations for the State of Illinois at 35 Ill. Adm. Code 307.3501, 307.3502, 307.3506 and 307.3508. USEPA believes that this modification should allow affected facilities to reduce the use of pretreatment chemicals, resulting in lower operating costs and reducing potential risks for worker safety and health.

On November 6, 1996 at 61 Fed. Reg. 57517, USEPA promulgated regulations that limit the discharge of pollutants into POTWs by existing and new facilities that formulate, package or repack pesticide products. These regulations cover facilities in the subcategories of the Pesticide Chemicals Point Source Category; Subcategory C: Pesticide Formulating, Packaging and Repackaging (PFPR) and Subcategory E:

Agricultural Refilling Establishments. The regulations were effective January 6, 1997. The Board incorporates the amendments to the pretreatment standards for pesticide formulating, packaging and repackaging facilities in Section 307.6503. The Board also creates a new section 307.6505 to incorporate the pretreatment regulations adopted by USEPA for agricultural refilling establishments.

USEPA proposed amendments to the pretreatment standards on April 14, 1994 (59 Fed. Reg. 17850). Based on comments received from the proposal, USEPA published a supplemental notice on June 8, 1995 at 60 Fed. Reg. 30217. In the final rule, USEPA establishes a zero discharge pretreatment standard with a pollution prevention alternative which allows a discharge to a POTW for subcategory C facilities. The pollution prevention alternative allows an option for facilities that agree to implement certain pollution prevention, recycle and reuse practices. Refilling establishments will be required to achieve zero discharge of wastewater pollutants.

Section 307.6500 incorporates by reference the definitions in 40 CFR 455.10 and the compliance date in 40 CFR 455.11. USEPA has added additional definitions to 40 CFR 455.10 therefore the Board here proposes to similarly update the incorporations by reference in Section 307.6500. USEPA also modified the compliance date in 40 CFR 455.11 which the Board here proposes to similarly update.

On December 16, 1996 at 61 Fed. Reg. 66085, USEPA promulgated rules limiting the discharge of pollutants into waters of the United States and the introduction of pollutants into POTWs by existing and new facilities in the coastal subcategory of the oil and gas extraction point source category. No action is required by the Board in response to these regulations since Illinois pretreatment regulations do not contain regulations pertaining to these types of facilities and the Board believes that no facilities in this category are in operation in Illinois.

#### HISTORICAL OUTLINE OF BOARD PRETREATMENT REGULATION

The Illinois pretreatment rules were adopted in R86-44, 84 PCB 89, December 3, 1987. The rules appeared at 12 Ill. Reg. 2502 (January 29, 1988), effective January 13, 1988.

The Board has updated the pretreatment rules in the following update rulemakings:

- |        |  |
|--------|--|
| R88-11 | 90 PCB 411, June 14, 1988; 12 Ill. Reg. 13094, effective July 29, 1988 (USEPA amendments through December 31, 1987).                   |
| R88-18 | 94 PCB 237, December 17, 1988; 13 Ill. Reg. 1794, effective January 31, 1989 (USEPA amendments January 1, 1988 through June 30, 1988). |

- R89-3      103 PCB 609, September 28, 1989; 13 Ill. Reg. 19243, effective November 17, 1989 (Part 307) and November 27, 1989 (Part 310) (USEPA amendments July 1, 1988 through December 31, 1988).
- R89-12     110 PCB 119, April 12, 1990; 14 Ill. Reg. 7608, effective May 8, 1990 (USEPA amendments January 1, 1989 through June 30, 1989).
- R90-6      Dismissed, 109 PCB 629, March 22, 1990 (No USEPA amendments July 1, 1989 through December 31, 1989).
- R90-15     Dismissed, June 20, 1991 (No USEPA amendments January 1 1990 through June 28, 1990).
- R91-5      129 PCB 395, January 23, 1992; 16 Ill. Reg. 7377 (Part 307); 7337 (Part 309); 7346 (Part 310); effective April 27, 1992. (USEPA amendments June 29, 1990 through December 31, 1990).
- R91-17     Dismissed, December 6, 1991 (No USEPA amendments January 1, 1991 through June 30, 1991).
- R92-5      Dismissed, April 9, 1992 (No USEPA amendments July 1, 1991 through December 31, 1991).
- R92-14     Dismissed, August 13, 1992 (No USEPA amendments January 1, 1992 through June 30, 1992).
- R93-2      September 9, 1993, 17 Ill. Reg. 19483 effective October 29, 1993 (USEPA amendments July 1, 1992 through December 31, 1992).
- R93-20     Dismissed April 9, 1992 (No USEPA amendments January 1, 1993 through June 30, 1993).
- R94-10     May 18, 1995, 19 Ill. Reg. 9142 effective June 23, 1995 (USEPA amendments July 1, 1993 through December 31, 1993).
- R94-28     Dismissed October 6, 1994 (No USEPA amendments January 1, 1994 through June 30, 1994).
- R95-8      Dismissed February 16, 1994 (No USEPA amendments July 1, 1994 through December 31, 1994).

- R95-22      March 21, 1996, 20 Ill. Reg. 5526, effective April 1, 1996  
(USEPA amendments January 1, 1995 through June 30, 1995).
- R96-12      July 18, 1996, 20 Ill. Reg. 10671, effective July 24, 1996  
(USEPA amendments July 1, 1995 through December 31, 1995).
- R97-7        April 3, 1996, 21 Ill. Reg. 5163, effective April 10, 1997  
(USEPA amendments January 1, 1996 through June 30, 1996).
- R97-23      This docket.

### ORDER

The Board hereby adopts the following amendments to the Illinois wastewater pretreatment regulations at Section 307.3501, 307.3502, 307.3506, 307.3508, 307.6500 and 307.6503. The Board also adopts a new Section 307.6505 Repackaging of Agricultural Pesticides Performed at Refilling Establishments.

## 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	Unbleached Kraft
307.4002	Semi-Chemical
307.4004	Unbleached Kraft-Neutral Sulfite Semi-Chemical (Cross Recovery)
307.4005	Paperboard From Wastepaper
307.4006	Dissolving Kraft
307.4007	Market Bleached Kraft
307.4008	BCT Bleached Kraft
307.4009	Fine Bleached Kraft
307.4010	Papergrade Sulfite (Blow Pit Wash)
307.4011	Dissolving Sulfite Pulp
307.4012	Groundwood-Chemi-Mechanical
307.4013	Groundwood-Thermo-Mechanical
307.4014	Groundwood-CMN Papers
307.4015	Groundwood-Fine Papers
307.4016	Soda
307.4017	Deink
307.4018	Nonintegrated-Fine Papers
307.4019	Nonintegrated-Tissue Papers
307.4020	Tissue From Wastepaper
307.4021	Papergrade Sulfite (Drum Wash)

307.4022	Unbleached Kraft and Semi-Chemical
307.4023	Wastepaper-Molded Products
307.4024	Nonintegrated-Lightweight Papers
307.4025	Nonintegrated-Filter and Nonwoven Papers
307.4026	Nonintegrated-Paperboard

#### SUBPART BF: BUILDERS' PAPER AND BOARD MILLS

Section	
307.4101	Builder's Paper and Roofing Felt

#### 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

#### 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 13 and 13.3 and authorized by Section 27 of the Environmental Protection Act [415 ILCS 5/13, 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. \_\_\_\_\_, effective \_\_\_\_\_.

#### Subpart Z: Leather Tanning and Finishing

##### Section 307.3501 Hair Pulp, Chrome Tan, Retan-Wet Finish

- a) Applicability. This Section applies to discharges resulting from any tannery which, either exclusively or in addition to other unhairing and tanning operations, processes raw or cured cattle or cattle-like hides into finished leather by chemically dissolving the hide hair, chrome tanning and retan-wet finishing.
- b) Specialized definitions. None.

## c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 425.15 (1996), as amended at 61 Fed. Reg. 35680, July 8, 1996. 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 425.16 (1987), as amended at 53 Fed. Reg. 9181, March 21, 1988. 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 July 2, 1979.

(Source: Amended at 21 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

## Section 307.3502 Hair Save, Chrome Tan, Retan-Wet Finish

- a) Applicability. This Section applies to discharges resulting from any tannery which processes raw or cured cattle or cattle-like hides into finished leather by hair save unhairing, chrome tanning and retan-wet finishing.

- b) Specialized definitions. None.

## c) Existing sources:

- 1) The Board incorporates by reference 40 CFR 425.25 (1996), as amended at 61 Fed. Reg. 35680, July 8, 1996. 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 425.26 (1986). 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 July 2, 1979.

(Source: Amended at 21 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

#### Section 307.3506 Through-the-Blue

- a) Applicability. This Section applies to discharges resulting from any tannery which processes raw or cured cattle or cattle-like hides through the blue tanned state by hair pulp unhairing and chrome tanning; no retan-wet finishing is performed.
- b) Specialized definitions. None.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 425.65 (1996), as amended at 61 Fed. Reg. 35680, July 8, 1996. 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 425.66 (1986). 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 July 2, 1979.

(Source: Amended at 21 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

### Section 307.3508 Pigskin

- a) Applicability. This Section applies to discharges resulting from any tannery which processes raw or cured pigskins into finished leather by chemically dissolving or pulping the hair and tanning with chrome, then retan-wet finishing.
- b) Specialized definitions. None.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 425.85 (1996), as amended at 61 Fed. Reg. 35680, July 8, 1996. 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 425.86 (1986). 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 July 2, 1979.

(Source: Amended at 21 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

## SUBPART CD: PESTICIDE CHEMICALS

### Section 307.6500 General Provisions

- a) General definitions. The Board incorporates by reference 40 CFR 455.10 (1996), as amended at 61 Fed. Reg. 57517, November 6, 1996. This incorporation includes no later amendments or editions.

- b) Compliance date. The Board incorporates by reference 40 CFR 455.11 (1996), as amended at 61 Fed. Reg. 57517, November 6, 1996. This incorporation includes no later amendments or editions.

(Source: Amended at 21 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

#### Section 307.6503 Pesticide Chemicals Formulating and Packaging

- a) Applicability.
  - 1) The Board incorporates by reference 40 CFR 455.40 (1996), as amended at 61 Fed. Reg. 57517, November 6, 1996. This incorporation includes no later amendments or additions.
  - 2) This Section applies to discharges resulting from all pesticide formulating and packaging operations, as defined in the materials incorporated in subsection (a)(1) of this Section.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 455.41, as added at 61 Fed. Reg. 57517, November 6, 1996. This incorporation includes no later amendments or additions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 455.46, as added at 61 Fed. Reg. 57517, November 6, 1996. This incorporation includes no later amendments or additions.
  - 2) No person subject to the pretreatment standards incorporated by reference in section subsection (c)(1) of this Section 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 455.46, as added at 61 Fed. Reg. 57517, November 6, 1996. This incorporation includes no later amendments or additions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) of this Section 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 April 14, 1994.

(Source: Amended at 21 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

#### Section 307.6505 Repackaging of Agricultural Pesticides Performed at Refilling Establishments

- a) Applicability.
  - 1) The Board incorporates by reference 40 CFR 455.60 as added at 61 Fed. Reg. 57517, November 6, 1996. This incorporation includes no later amendments or additions.
  - 2) This Section applies to discharges resulting from all pesticide formulating and packaging operations, as defined in the materials incorporated in subsection (a)(1) of this Section.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 455.61 as added at 61 Fed. Reg. 57517, November 6, 1996. This incorporation includes no later amendments or additions.
- c) Existing sources:
  - 1) The Board incorporates by reference 40 CFR 455.66 as added at 61 Fed. Reg. 57517, November 6, 1996. This incorporation includes no later amendments or additions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) of this Section 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 455.66, as added at 61 Fed. Reg. 57517, November 6, 1996. This incorporation includes no later amendments or additions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) of this Section shall cause, threaten or allow the discharge of any contaminant to a POTW in violation of such standards.

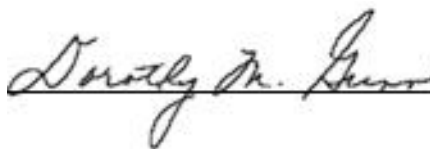
- 3) New source means any building, structure, facility or installation the construction of which commenced after April 14, 1994.

(Source: Added at 21 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

IT IS SO ORDERED.

Board Member K.M. Hennessey abstained.

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, hereby certify that the above opinion and order was adopted on the 7th day of August 1997, by a vote of 5-0.

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

Dorothy M. Gunn, Clerk  
Illinois Pollution Control Board