

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

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NOV 21 2012
STATE OF ILLINOIS
Pollution Control Board

1) Heading of the Part: Sewer Discharge Criteria

2) Code Citation: 35 Ill. Adm. Code 307

3) <u>Section Numbers:</u>	<u>Proposed Action:</u>
307.2201	Amendment
307.3301	Amendment
307.4000	Amendment

R13-7

4) Statutory Authority: 415 ILCS 5/7.2, 13, 13.3, and 27

5) A Complete Description of the Subjects and Issues Involved: The following briefly describes the subjects and issues involved in the docket R13-7 rulemaking of which the amendments to Part 307 are a single segment. Also affected is 35 Ill. Adm. Code 310, which is covered by a separate notice in this issue of the Illinois Register. A comprehensive description is contained in the Board's opinion and order of November 1, 2012, proposing amendments in docket R13-7, which opinion and order is available from the address below.

This proceeding updates the Illinois wastewater pretreatment rules to correspond with amendments adopted by the United States Environmental Protection Agency (USEPA) that appeared in the Federal Register during a single update period. The docket and time period that is involved in this proceeding is the following:

R13-7 Federal wastewater pretreatment amendments that occurred during the period January 1, 2012 through June 30, 2012.

The R13-7 docket amends Parts 307 and 310. The amendments to the various Parts are interrelated. The following table briefly summarizes the federal action in the update period:

May 18, 2012 (77 Fed. Reg. 29758)	USEPA modified the testing procedures approved for sampling and analysis in programs established under the CWA.
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Specifically, the amendments to Part 307 implement segments of the federal amendments of May 18, 2012. The amendments update the analytical methods approved for use demonstrating compliance with the wastewater pretreatment regulations. The Board has

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included a limited number of corrections and clarifying amendments that are not directly derived from the instant federal amendments.

Tables appear in the Board's opinion and order of November 1, 2012 in docket R13-7 that list numerous corrections and amendments that are not based on current federal amendments. The tables contain deviations from the literal text of the federal amendments underlying these amendments, as well as corrections and clarifications that the Board made in the base text involved. Persons interested in the details of those corrections and amendments should refer to the November 1, 2012 opinion and order in docket R13-7.

Section 13.3 of the Environmental Protection Act [415 ILCS 5/13.3] provides that Section 5-35 of the Administrative Procedure Act [5 ILCS 100/5-35] does not apply to this rulemaking. Because this rulemaking is not subject to Section 5-35 of the IAPA, it is not subject to First Notice or to Second Notice review by the Joint Committee on Administrative Rules (JCAR).

- 6) Published studies or reports, and sources of underlying data, used to compose this rulemaking: None
- 7) Will this rulemaking replace any emergency amendments currently in effect? No
- 8) Does this rulemaking contain an automatic repeal date? No
- 9) Does this rulemaking contain incorporations by reference? Yes. The Illinois wastewater pretreatment regulations in Part 307 incorporate by reference several of the federal categorical pretreatment standards. The current amendments incorporate federal revisions and update various federal standards to the latest version available.
- 10) Statement of Statewide Policy Objective: These proposed amendments do not create or enlarge a state mandate, as defined in Section 3(b) of the State Mandates Act. [30 ILCS 805/3(b)].
- 11) Are there any other amendments pending on this Part? No
- 12) Time, Place and Manner in which interested persons may comment on this proposed rulemaking: The Board will accept written public comment on this proposal for a period of 45 days after the date of this publication. Comments should reference docket R13-7 and be addressed to:

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John T. Therriault, Assistant Clerk
Illinois Pollution Control Board
State of Illinois Center, Suite 11-500
100 W. Randolph St.
Chicago, IL 60601

Phone: 312/814-3620

Please direct inquiries to the following person and reference docket R13-7:

Michael J. McCambridge
Staff Attorney
Illinois Pollution Control Board
100 W. Randolph St., Ste. 11-500
Chicago, IL 60601

Phone: 312/814-6924
E-mail: mccambridge@illinois.gov

Request copies of the Board's opinion and order at 312-814-3620, or download a copy from the Board's Website at <http://www.ipcb.state.il.us>.

13) Initial Regulatory Flexibility Analysis:

- A) Types of small businesses, small municipalities, and not-for-profit corporations affected: This rulemaking may affect those small businesses, small municipalities, and not-for-profit corporations disposing of industrial wastewaters into the sewage collection system of a publicly owned treatment works. These proposed amendments do not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act. [30 ILCS 805/3(b)].
- B) Reporting, bookkeeping or other procedures required for compliance: The existing rules and proposed amendments require extensive reporting, bookkeeping and other procedures, including the preparation of manifests and annual reports, waste analyses and maintenance of operating records. These proposed amendments do not create or enlarge a state mandate, as defined in Section 3(b) of the State Mandates Act. [30 ILCS 805/3(b)].

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- C) Types of professional skills necessary for compliance: Compliance with the existing rules and proposed amendments may require the services of an attorney, certified public accountant, chemist and registered professional engineer. These proposed amendments do not create or enlarge a state mandate, as defined in Section 3(b) of the State Mandates Act. [30 ILCS 805/3(b)].
- 14) Regulatory Agenda on which this rulemaking was summarized: June 2012

The full text of the Proposed Amendments begins on the next page:

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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
307.1006	Electronic Reporting

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

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- 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

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- 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: CONCENTRATED ANIMAL FEEDING OPERATIONS

- 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

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- 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 Waste Streams
 - 307.2491 Complexed Metal-Bearing Waste Streams

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

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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

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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

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- 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
- 307.3013 Other Operations

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

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- 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

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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

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- 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 Booths or without Laundry Facilities
- 307.3916 Wood Furniture and Fixture Production with Water Wash Spray Booths 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

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- 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

- 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

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Section
307.4300 General Provisions
307.4301 Metal Finishing

SUBPART BL: CENTRALIZED WASTE TREATMENT

Section
307.4700 General Provisions
307.4701 Metals Treatment and Recovery
307.4702 Oils Treatment and Recovery
307.4703 Organics Treatment and Recovery
307.4704 Multiple Waste Streams

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 BQ: TRANSPORTATION EQUIPMENT CLEANING

Section
307.5200 General Provisions
307.5201 Tank Trucks and Intermodal Tank Containers Transporting Chemical and Petroleum Cargos
307.5202 Rail Tank Cars Transporting Chemical and Petroleum Cargos
307.5203 Tank Barges and Ocean/Sea Tankers Transporting Chemical and Petroleum Cargos
307.5204 Tanks Transporting Food Grade Cargos

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

Section
307.5301 Asphalt Emulsion
307.5302 Asphalt Concrete
307.5303 Asphalt Roofing

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307.5304 Linoleum and Printed Asphalt Felt

SUBPART BS: WASTE COMBUSTORS

Section
307.5401 Commercial Hazardous Waste Combustor

SUBPART BT: LANDFILLS

Section
307.5500 General Provisions
307.5501 RCRA Subtitle C Hazardous Waste Landfill
307.5502 RCRA Subtitle D Non-Hazardous Waste Landfill

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
307.6505 Repackaging of Agricultural Pesticides Performed at Refilling Establishments

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

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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

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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

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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 307. Appendix

307.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~~, R70-8/R71-14/R71-20, March 7, 1972; amended in R74-3, ~~at 19 PCB 182~~, October 30, 1975; amended in ~~R74-15, 16, at 31 PCB 405~~, R74-15/R74-16 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~~, 21 at 6 Ill. Reg. 563, effective December 24, 1981; codified at 6 Ill. Reg. 7818; amended in R82-~~5, 10, at 54 PCB 411~~, R82-5/R82-10 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. 11640, effective July 24, 2000; amended in R01-5 at 25 Ill. Reg. 1735, effective January 11, 2001; amended in R01-25 at 25 Ill. Reg. 10867, effective August 14, 2001; amended in R03-13 at 27 Ill. Reg. 15095, effective September 10, 2003; amended in R04-1 at 28 Ill. Reg. 3076, effective February 6, 2004; amended in R04-18 at 28 Ill. Reg. 10661, effective July 13, 2004; amended in R05-4/R05-15 at 29 Ill. Reg. 6921, effective April 26, 2005; amended in R06-13 at 30 Ill. Reg. 17811, effective October 26, 2006; amended in R08-5/R08-7/R08-13 at 32 Ill. Reg. 18986, effective November 26, 2008; amended in R13-7 at 37 Ill. Reg. , effective .

SUBPART M: CONCENTRATED ANIMAL FEEDING OPERATIONS

~~NOTICE OF PROPOSED AMENDMENTS~~

Section 307.2201 General

- a) Applicability. This Section applies to manure, litter, or process wastewater discharges resulting from concentrated animal feeding operations (CAFOs). Manufacturing or agricultural activities that may be subject to this Section are generally reported under one or more of the following SIC codes, as defined in the Standard Industrial Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107:
- 1) SIC Code 0211 (Beef Cattle Feedlots);
 - 2) SIC Code 0213 (Hogs);
 - 3) SIC Code 0214 (Sheep and Goats);
 - 4) SIC Code 0241 (Dairy Farms);
 - 5) SIC Code 0251 (Broiler, Fryer, and Roaster Chickens);
 - 6) SIC Code 0252 (Chicken Eggs);
 - 7) SIC Code 0253 (Turkeys and Turkey Eggs);
 - 8) SIC Code 0254 (Poultry Hatcheries);
 - 9) SIC Code 0259 (Poultry and Eggs, Not Elsewhere Classified); or
 - 10) SIC Code 0272 (Horses and Other Equines).
- b) General definitions. The Board incorporates by reference 40 CFR 412.2-(2003) (2011). This incorporation includes no later amendments or editions.
- c) General pretreatment standards. The Board incorporates by reference 40 CFR 412.3-(2003) (2011). This incorporation includes no later amendments or editions.
- d) ~~Definition of~~ A facility is determined a concentrated animal feeding operation (CAFO). ~~The Board incorporates by reference~~ according to the definitions and requirements of 40 CFR 122.23(b) and (c) -(2003), incorporated by reference in 35

~~NOTICE OF PROPOSED AMENDMENTS~~

Ill. Adm. Code ~~310.107~~. This incorporation includes no later amendments or editions. 310.107

(Source: Amended at 37 Ill. Reg. , effective)

SUBPART X: STEAM ELECTRIC POWER GENERATING

Section 307.3301 Steam Electric Power Generating

- a) Applicability. This Section applies to discharges resulting from operation of a generating unit by an establishment engaged primarily in the generation of electricity for distribution and sale that results primarily from a process utilizing fossil-type fuel (coal, oil, or gas) or nuclear fuel in conjunction ~~with~~ with a thermal cycle employing the steam water system as the thermodynamic medium.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 423.11-~~(2003)~~ (2012). This incorporation includes no later amendments or editions.
- c) Existing sources.
 - 1) The Board incorporates by reference 40 CFR 423.16-~~(2003)~~ (2012). This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) of this Section may 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 423.17-~~(2003)~~ (2012). This incorporation includes no later amendments or editions.
 - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) of this Section may 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 October 14, 1980.

(Source: Amended at 37 Ill. Reg. , effective)

~~NOTICE OF PROPOSED AMENDMENTS~~

SUBPART BE: PULP, PAPER AND PAPERBOARD

Section 307.4000 General Provisions

- a) Applicability. This Subpart BE applies to any pulp, paper, or paperboard mill that introduces or may introduce process wastewater pollutants into a publicly owned treatment works (POTW).
- b) General definitions. The Board incorporates by reference 40 CFR 430.01-~~(2007)~~ (2012). This incorporation includes no later amendments or editions.
- c) Monitoring requirements. The Board incorporates by reference 40 CFR 430.02-~~(2007)~~ (2012). This incorporation includes no later amendments or editions.
- d) Best management practices. The Board incorporates by reference 40 CFR 430.03-~~(2007)~~ (2012). This incorporation includes no later amendments or editions.

(Source: Amended at 37 Ill. Reg. —_____, effective _____)

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EXEMPT

JCAR350307-1216436r01

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4

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- 530 307.7105 Lithium
- 531 307.7106 Magnesium
- 532 307.7107 Zinc

533

SUBPART CL: PLASTICS MOLDING AND FORMING

534

535

536 Section

- 537 307.7300 General Provisions
- 538 307.7301 Contact Cooling and Heating Water
- 539 307.7302 Cleaning Water
- 540 307.7303 Finishing Water

541

SUBPART CM: METAL MOLDING AND CASTING

542

543

544 Section

- 545 307.7400 General Provisions
- 546 307.7401 Aluminum Casting
- 547 307.7402 Copper Casting
- 548 307.7403 Ferrous Casting
- 549 307.7404 Zinc Casting

550

SUBPART CN: COIL COATING

551

552

553 Section

- 554 307.7500 General Provisions
- 555 307.7501 Steel Basis Material
- 556 307.7502 Galvanized Basis Material
- 557 307.7503 Aluminum Basis Material
- 558 307.7504 Canmaking

559

560 SUBPART CO: PORCELAIN ENAMELING

- 561
- 562 Section
- 563 307.7600 General Provisions
- 564 307.7601 Steel Basis Material
- 565 307.7602 Cast Iron Basis Material
- 566 307.7603 Aluminum Basis Material
- 567 307.7604 Copper Basis Material

568

569 SUBPART CP: ALUMINUM FORMING

- 570
- 571 Section
- 572 307.7700 General Provisions
- 573 307.7701 Rolling With Neat Oils
- 574 307.7702 Rolling With Emulsions
- 575 307.7703 Extrusion
- 576 307.7704 Forging
- 577 307.7705 Drawing With Neat Oils
- 578 307.7706 Drawing With Emulsions or Soaps

579

580 SUBPART CQ: COPPER FORMING

- 581
- 582 Section
- 583 307.7800 General Provisions
- 584 307.7801 Copper Forming
- 585 307.7802 Beryllium Copper Forming

586

587 SUBPART CR: ELECTRICAL AND ELECTRONIC COMPONENTS

- 588
- 589 Section
- 590 307.7901 Semiconductor
- 591 307.7902 Electronic Crystals
- 592 307.7903 Cathode Ray Tube
- 593 307.7904 Luminescent Materials

594

595 SUBPART CT: NONFERROUS METALS FORMING AND METAL POWDERS

- 596
- 597 Section
- 598 307.8100 General Provisions
- 599 307.8101 Lead-Tin-Bismuth Forming
- 600 307.8102 Magnesium Forming
- 601 307.8103 Nickel-Cobalt Forming
- 602 307.8104 Precious Metals Forming

- 603 307.8105 Refractory Metals Forming
- 604 307.8106 Titanium Forming
- 605 307.8107 Uranium Forming
- 606 307.8108 Zinc Forming
- 607 307.8109 Zirconium-Hafnium Forming
- 608 307.8110 Metal Powders

609
610 307.APPENDIX A References to Previous Rules (Repealed)

611
612 AUTHORITY: Implementing Sections 7.2, 13, and 13.3 and authorized by Section 27 of the
613 Environmental Protection Act [415 ILCS 5/7.2, 13, 13.3, and 27].

614
615 SOURCE: Adopted in R70-5, March 31, 1971; amended in R70-8R71-14/R71-20, March 7,
616 1972; amended in R74-3, October 30, 1975; amended in R74-15/R74-16 at 2 Ill. Reg. 44, p. 151,
617 effective November 2, 1978; amended in R76-17, at 2 Ill. Reg. 45, p. 101, effective November 5,
618 1978; amended in R76-21 at 6 Ill. Reg. 563, effective December 24, 1981; codified at 6 Ill. Reg.
619 7818; amended in R82-5/R82-10 at 8 Ill. Reg. 1625, effective January 18, 1984; amended in
620 R86-44 at 12 Ill. Reg. 2592, effective January 13, 1988; amended in R88-11 at 12 Ill. Reg.
621 13094, effective July 29, 1988; amended in R88-18 at 13 Ill. Reg. 1794, effective January 31,
622 1989; amended in R89-3 at 13 Ill. Reg. 19288, effective November 17, 1989; amended in R88-9
623 at 14 Ill. Reg. 3100, effective February 20, 1990; amended in R89-12 at 14 Ill. Reg. 7620,
624 effective May 8, 1990; amended in R91-5 at 16 Ill. Reg. 7377, effective April 27, 1992; amended
625 in R93-2 at 17 Ill. Reg. 19483, effective October 29, 1993; amended in R94-10 at 19 Ill. Reg.
626 9142, effective June 23, 1995; amended in R95-22 at 20 Ill. Reg. 5549, effective April 1, 1996;
627 amended in R97-23 at 21 Ill. Reg. 11930, effective August 12, 1997; amended in R99-4 at 23 Ill.
628 Reg. 4413, effective March 31, 1999; amended in R99-17 at 23 Ill. Reg. 8421, effective July 12,
629 1999; amended in R00-15 at 24 Ill. Reg. 11640, effective July 24, 2000; amended in R01-5 at 25
630 Ill. Reg. 1735, effective January 11, 2001; amended in R01-25 at 25 Ill. Reg. 10867, effective
631 August 14, 2001; amended in R03-13 at 27 Ill. Reg. 15095, effective September 10, 2003;
632 amended in R04-1 at 28 Ill. Reg. 3076, effective February 6, 2004; amended in R04-18 at 28 Ill.
633 Reg. 10661, effective July 13, 2004; amended in R05-4/R05-15 at 29 Ill. Reg. 6921, effective
634 April 26, 2005; amended in R06-13 at 30 Ill. Reg. 17811, effective October 26, 2006; amended
635 in R08-5/R08-7/R08-13 at 32 Ill. Reg. 18986, effective November 26, 2008; amended in R13-7
636 at 37 Ill. Reg. _____, effective _____.

637
638 SUBPART M: CONCENTRATED ANIMAL FEEDING OPERATIONS

639
640 **Section 307.2201 General**

- 641
- 642 a) Applicability. This Section applies to manure, litter, or process wastewater
- 643 discharges resulting from concentrated animal feeding operations (CAFOs).
- 644 Manufacturing or agricultural activities that may be subject to this Section are
- 645 generally reported under one or more of the following SIC codes, as defined in

the Standard Industrial Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107:

- 1) SIC Code 0211 (Beef Cattle Feedlots);
- 2) SIC Code 0213 (Hogs);
- 3) SIC Code 0214 (Sheep and Goats);
- 4) SIC Code 0241 (Dairy Farms);
- 5) SIC Code 0251 (Broiler, Fryer, and Roaster Chickens);
- 6) SIC Code 0252 (Chicken Eggs);
- 7) SIC Code 0253 (Turkeys and Turkey Eggs);
- 8) SIC Code 0254 (Poultry Hatcheries);
- 9) SIC Code 0259 (Poultry and Eggs, Not Elsewhere Classified); or
- 10) SIC Code 0272 (Horses and Other Equines).

- b) General definitions. The Board incorporates by reference 40 CFR 412.2 (2011) (2003). This incorporation includes no later amendments or editions.
- c) General pretreatment standards. The Board incorporates by reference 40 CFR 412.3 (2011)(2003). This incorporation includes no later amendments or editions.
- d) A facility is determined a Definition of concentrated animal feeding operation (CAFO) according to the definitions and requirements of. The Board incorporates by reference 40 CFR 122.23(b) and (c), incorporated by reference in 35 Ill. Adm. Code 310.107(2003) This incorporation includes no later amendments or editions.

(Source: Amended at 37 Ill. Reg. _____, effective _____)

SUBPART X: STEAM ELECTRIC POWER GENERATING

Section 307.3301 Steam Electric Power Generating

- a) Applicability. This Section applies to discharges resulting from operation of a generating unit by an establishment engaged primarily in the generation of

689 electricity for distribution and sale that results primarily from a process utilizing
690 fossil-type fuel (coal, oil, or gas) or nuclear fuel in conjunction with ~~with a~~
691 thermal cycle employing the steam water system as the thermodynamic medium.
692

693 b) Specialized definitions. The Board incorporates by reference 40 CFR 423.11
694 (2012)~~(2003)~~. This incorporation includes no later amendments or editions.
695

696 c) Existing sources.
697

698 1) The Board incorporates by reference 40 CFR 423.16 (2012)~~(2003)~~. This
699 incorporation includes no later amendments or editions.
700

701 2) No person subject to the pretreatment standards incorporated by reference
702 in subsection (c)(1) of this Section may cause, threaten, or allow the
703 discharge of any contaminant to a POTW in violation of such standards.
704

705 d) New sources.
706

707 1) The Board incorporates by reference 40 CFR 423.17 (2012)~~(2003)~~. This
708 incorporation includes no later amendments or editions.
709

710 2) No person subject to the pretreatment standards incorporated by reference
711 in subsection (d)(1) of this Section may cause, threaten, or allow the
712 discharge of any contaminant to a POTW in violation of such standards.
713

714 3) "New source" means any building, structure, facility, or installation the
715 construction of which commenced after October 14, 1980.
716

717 (Source: Amended at 37 Ill. Reg. _____, effective _____)
718

719 SUBPART BE: PULP, PAPER AND PAPERBOARD

720 **Section 307.4000 General Provisions**

721
722
723 a) Applicability. This Subpart BE applies to any pulp, paper, or paperboard mill that
724 introduces or may introduce process wastewater pollutants into a publicly owned
725 treatment works (POTW).
726

727 b) General definitions. The Board incorporates by reference 40 CFR 430.01
728 (2012)~~(2007)~~. This incorporation includes no later amendments or editions.
729

730 c) Monitoring requirements. The Board incorporates by reference 40 CFR 430.02
731 (2012)~~(2007)~~. This incorporation includes no later amendments or editions.

- 732
733
734
735
736
- d) Best management practices. The Board incorporates by reference 40 CFR 430.03
(2012)~~(2007)~~. This incorporation includes no later amendments or editions.
(Source: Amended at 37 Ill. Reg. _____, effective _____)