



## OFFICE OF THE SECRETARY OF STATE

JESSE WHITE • Secretary of State

November 23, 2016

POLLUTION CONTROL BOARD  
DON BROWN  
100 W RANDOLPH ST  
STE 11-500  
CHICAGO, IL 60601

Dear DON BROWN

Your rules Listed below met our codification standards and have been published in Volume 40, Issue 49 of the Illinois Register, dated 12/2/2016.

**PROPOSED RULES**

Sewer Discharge Criteria

35 Ill. Adm. Code 307

Point of Contact: Mike McCambridge

15854

If you have any questions, you may contact the Administrative Code Division at (217) 782 - 7017.

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POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

literal text of the federal amendments. Persons interested in the details of those deviations from the literal text should refer to the Identical-in-Substance Rulemaking Addendum (Proposed) in docket R17-8.

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 APA, 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) Does this rulemaking replace emergency amendments currently in effect? No.
- 8) Does this rulemaking contain an automatic repeal date? No.
- 9) Do these proposed amendments contain incorporations by reference? Yes.
- 10) Are there any other amendments pending on this Part? Yes.

<u>Section number</u>	<u>Proposed action</u>	<u>Illinois Register citation</u>
307.3301	Amendment	40 Ill. Reg. 14580; October 28, 2016

- 11) Statement of Statewide Policy Objectives: 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) (2012)].
- 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 R17-8 and be addressed to:

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

Please direct inquiries to the following person and reference docket R17-8:

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

Phone: 312-814-6924

E-mail: [michael.mccambridge@illinois.gov](mailto:michael.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) (2012)].
- 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) (2012)].
- 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) (2012)].

14) Regulatory agenda on which this rulemaking was summarized: 40 Ill. Reg. 8832; July 1, 2016.

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
307.1510	Dry Milk
307.1511	Condensed Whey

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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

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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
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

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- 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
- 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



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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

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- 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
- 307.3013 Other Operations

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SUBPART V: NONFERROUS METALS MANUFACTURING

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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

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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

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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

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- 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
- 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)

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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

Section  
307.4300 General Provisions  
307.4301 Metal Finishing

SUBPART BJ: CENTRALIZED WASTE TREATMENT

Section  
307.4503 Onshore Facility Standards  
307.4508 Coalbed Methane Subcategory

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

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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  
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



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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

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

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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

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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

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, March 31, 1971; amended in R70-8/R71-14/R71-20, March 7, 1972; amended in R74-3, October 30, 1975; amended in R74-15/R74-16 at 2 Ill. Reg. 44, p. 151, effective November 2, 1978; amended in R76-17 at 2 Ill. Reg. 45, p. 101, effective November 5, 1978; amended in R76-21 at 6 Ill. Reg. 563, effective December 24, 1981; codified at 6 Ill. Reg. 7818; amended in 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

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in R08-5/R08-7/R08-13 at 32 Ill. Reg. 18986, effective November 26, 2008; amended in R13-7 at 37 Ill. Reg. 1936, effective February 4, 2013; amended in R17-8 at 41 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_.

SUBPART BJ: OIL AND GAS EXTRACTION

**Section 307.4503 Onshore Facility Standards**

- a) Applicability. This Section applies to facilities engaged in the production, field exploration, drilling, well completion, and well treatment in the oil and gas extraction industry that are not included within subpart F of 40 C.F.R. 435 (2016) (Stripper Subcategory), incorporated by reference. This incorporation includes no later amendments or editions.

BOARD NOTE: Subsection (a) is derived from 40 CFR 435.30 (2016).

- b) Specialized Definitions. For the purpose of this Section, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR 401 (2016), incorporated by reference, apply to this Section. This incorporation includes no later amendments or editions.

BOARD NOTE: Subsection (b) is derived from 40 CFR 435.31 (2016).

- c) Pretreatment Standards for Existing Sources (PSES).

- 1) PSES for Wastewater from Unconventional Oil and Gas Extraction. Except as provided in 40 CFR 403.7 and 403.13, incorporated by reference, any existing source subject to this Section must achieve the following pretreatment standards for existing sources (PSES). This incorporation by reference includes no later amendments or editions.

- A) There must be no discharge of wastewater pollutants associated with production, field exploration, drilling, well completion, or well treatment for unconventional oil and gas extraction (including, but not limited to, drilling muds, drill cuttings, produced sand, or produced water) into publicly owned treatment works.

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- B) For the purposes of this subsection (c) and subsection (d), the following definitions apply:
- i) “Unconventional oil and gas” means crude oil and natural gas produced by a well drilled into a shale or tight formation (including, but not limited to, shale gas, shale oil, tight gas, or tight oil).
  - ii) “Drill cuttings” means the particles generated by drilling into subsurface geologic formations and carried out from the wellbore with the drilling fluid.
  - iii) “Drilling mud” means the circulating fluid (mud) used in the rotary drilling of wells to clean and condition the hole and to counterbalance formation pressure.
  - iv) “Produced sand” means the slurried particles used in hydraulic fracturing, the accumulated formation sands, and scales particles generated during production. Produced sand also includes desander discharge from the produced water waste stream, and blowdown of the water phase from the produced water treating system.
  - v) “Produced water” means the fluid brought up from the hydrocarbon-bearing strata during the extraction of oil and gas, and includes, where present, formation water, injection water, and any chemicals added downhole or during the oil/water separation process.
- C) Compliance Deadline for Existing Sources. Existing sources lawfully discharging into publicly owned treatment works on or between April 7, 2015 and June 28, 2016 must comply with the PSES before August 29, 2019. All other existing sources must immediately comply.

BOARD NOTE: Corresponding 40 CFR 435.33(a)(3) provides, “All other existing sources shall comply by August 29, 2016.”

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- 2) PSES for Wastewater from Conventional Oil and Gas Extraction. This subsection (c)(2) corresponds with 40 CFR 435.33(a)(2), which USEPA has marked “reserved” to clarify that the pretreatment standards of 40 CFR 435.33 do not apply to conventional oil and gas extraction. This statement fulfills USEPA’s intent in the Illinois standards.

BOARD NOTE: Subsection (c) is derived from 40 CFR 435.33 (2016), as amended at 81 Fed. Reg. 67191 (Sep. 30, 2016).

- d) Pretreatment Standards for New Sources (PSNS).

- 1) Wastewater from Unconventional Oil and Gas Extraction. Except as provided in 40 CFR 403.7 and 403.13, incorporated by reference, any new source with discharges subject to this section must achieve the following pretreatment standards for new sources (PSNS). This incorporation by reference includes no later amendments or editions. There must be no discharge of wastewater pollutants associated with production, field exploration, drilling, well completion, or well treatment for unconventional oil and gas extraction (including, but not limited to, drilling muds, drill cuttings, produced sand, or produced water) into publicly owned treatment works.

- 2) PSNS for Wastewater from Conventional Oil and Gas Extraction. This subsection (d)(2) corresponds with 40 CFR 435.34(b), which USEPA has marked “reserved” to clarify that the pretreatment standards of 40 CFR 435.34 do not apply to conventional oil and gas extraction. This statement fulfills USEPA’s intent in the Illinois standards.

BOARD NOTE: Subsection (d) is derived from 40 CFR 435.34 (2016).

(Source: Added at 41 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 307.4508 Coalbed Methane Subcategory**

This Section corresponds with subpart H of 40 CFR 435, which USEPA has marked “reserved” to clarify that the pretreatment standards of subpart C of 40 CFR 435 do not apply to coalbed methane. This statement fulfills USEPA’s intent in the Illinois standards.

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(Source: Added at 41 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)