



OFFICE OF THE SECRETARY OF STATE

JESSE WHITE • Secretary of State

January 27, 2017

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CLERK'S OFFICE

FEB 01 2017

STATE OF ILLINOIS
Pollution Control Board

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 41, Issue 5 of the Illinois Register, dated 2/3/2017.

ADOPTED RULES

Definitions and General Provisions 35 Ill. Adm. Code 211 Point of Contact: Mike McCambridge	1096	R17-2
Air Quality Standards 35 Ill. Adm. Code 243 Point of Contact: Mike McCambridge	1121	R17-1
Sewer Discharge Criteria 35 Ill. Adm. Code 307 Point of Contact: Mike McCambridge	1129	R16-9 R17-18
Pretreatment Programs 35 Ill. Adm. Code 310 Point of Contact: Mike McCambridge	1155	R16-9
Procedural Requirements for Permitted Landfills 35 Ill. Adm. Code 813 Point of Contact: Mike McCambridge	1201	R17-5

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

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NOTICE OF ADOPTED AMENDMENTS

- 1) Heading of the Part: Sewer Discharge Criteria
- 2) Code Citation: 35 Ill. Adm. Code 307
- 3)

<u>Section Numbers:</u>	<u>Adopted Actions:</u>
307.3301	Amendment
307.4503	New Section
307.4508	New Section
- 4) Statutory authority: 415 ILCS 5/7.2, 13, 13.3, and 27.
- 5) Effective date of Amendments: JAN 23 2017
- 6) Does this rulemaking contain an automatic repeal date? No.
- 7) Does this rulemaking contain incorporations by reference? Yes.
- 8) Statement of availability: The adopted amendments, a copy of the Board's opinions and orders adopted January 19, 2017 in dockets R16-9 and R17-8, and all materials incorporated by reference are on file at the Board's principal office and are available for public inspection and copying.
- 9) Notices of proposal published in the Illinois Register: 40 Ill. Reg. 14580; October 28 2016 and 40 Ill. Reg. 15854; December 2, 2016
- 10) Has JCAR issued a Statement of Objections to these rules? Not applicable. 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).
- 11) Differences between the proposal and the final version: Tables that appear in documents entitled "Identical-in-Substance Rulemaking Addendum (Final)" that the Board added to dockets R16-9 and R17-8 summarize the differences between the amendment adopted in the January 19, 2017 in docket R16-9 and those proposed by the Board in an opinion and order dated October 6, 2016, in docket R16-9, and adopted January 19, 2017 in docket R17-8 and those proposed by the Board in an opinion and order dated November 17, 2016, in docket R17-8. Many of the differences are explained in greater detail in the Board's opinions and orders adopting the amendments.

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The differences are limited to minor corrections stylistic revisions. The changes are intended to have no substantive effect. The intent is to add clarity to the rules without deviation from the substance of the federal amendments on which this proceeding is based.

- 12) Have all the changes agreed upon by the Board and JCAR been made as indicated in the agreements issued by JCAR? 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 JCAR.

Since the Notices of Proposed Amendments appeared in the October 28, 2016 and December 2, 2016 issues of the *Illinois Register*, the Board received a number of suggestions for revisions from JCAR. The Board evaluated each suggestion and incorporated a number of changes into the text as a result, as detailed in the Identical-in-Substance Rulemaking Addendum (Final) in each of dockets R16-9 and R17-8, as indicated in item 11 above. See the Identical-in-Substance Rulemaking Addendum (Final) in each of dockets R16-9 and R17-8 for additional details on the JCAR suggestions and the Board actions with regard to each. One table in each of the Identical-in-Substance Rulemaking Addendum (Final) itemizes the changes made in response to various suggestions. Another table in each indicates JCAR suggestions not incorporated into the text, with a brief explanation.

- 13) Will this rulemaking replace emergency amendments currently in effect? No.
- 14) Are there any other amendments pending on this Part? No.
- 15) Summary and purpose of amendments: The following briefly describes the subjects and issues involved in the docket R16-9 and R17-8 rulemakings of which the amendments to Part 307 are a single segment. Also affected by the docket R16-8 rulemaking 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 opinions and orders of January 19, 2017, adopting amendments in each of docket R16-9 and R17-8, which opinions and orders are separately available from the address below.

The R16-9 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 the second half of 2015:

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October 22, 2015 (80 Fed. Reg. 64064)

USEPA adopted mandatory digital reporting rules for facilities permitted under the National Pollutant Discharge Elimination System (NPDES) program and indirect dischargers. The Board will incorporate the wastewater pretreatment elements of these reporting requirements into the Illinois pretreatment regulations.

November 3, 2015 (80 Fed. Reg. 67838)

USEPA amended wastewater effluent requirements applicable to sources in the Steam Electric Power Generating Point Source Category. Some of the amendments related to wastewater pretreatment. The Board will incorporate the wastewater pretreatment elements of these revised standards into the Illinois pretreatment regulations.

Specifically, the amendments to Part 307 implement segments of the federal amendments of November 3, 2015. The amendments add the revisions to wastewater pretreatment-related provisions applicable to the Steam Electric Power Generating Point Source Category. The Board has included a limited number of corrections and clarifying amendments that are not directly derived from the instant federal amendments.

The R17-8 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 the first half of 2016.

The following briefly summarizes the federal action in the update period:

June 28, 2016 (81 Fed. Reg. 41845)

USEPA adopted pretreatment standards for facilities in the unconventional oil and gas extraction (UOG) source category. The Board must incorporate the UOG source category pretreatment standards into the Illinois pretreatment regulations.

In addition to the federal action that fell within the timeframe of this docket, the Board included three additional related federal actions that occurred later. These additional actions directly impacted one of the actions that USEPA took within the timeframe that is involved.

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September 30, 2016 (81 Fed. Reg. 67191)

USEPA extended the implementation date of the UOG pretreatment standards by a direct final rule. The Board adds this later-extended date to this docket for consideration together with the UOG pretreatment standards.

November 28, 2016 (81 Fed. Reg. 85445)

USEPA withdrew the September 30, 2016 direct final rule that extended the implementation date of the UOG pretreatment standards. The Board adds this later-extended date to this docket for consideration together with the UOG pretreatment standards.

December 7, 2016 (81 Fed. Reg. 88126)

USEPA extended the implementation date of the UOG pretreatment standards by a final rule that duplicated the language of the withdrawn September 30, 2016 direct final rule. The Board adds this later-extended date to this docket for consideration together with the UOG pretreatment standards.

Tables appear in a documents entitled "Identical-in-Substance Rulemaking Addendum (Final)" that the Board added to each of dockets R16-9 and R17-8 that list the revisions to the text of the corresponding federal rule, the amendments that are not based on current federal amendments, and the revisions to the text since the Board's October 6, 2016 proposal for public comment in docket R16-9 and November 17, 2016 proposal for public comment in docket R17-8. 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 Identical-in-Substance Rulemaking Addendum (Final) in each of dockets R16-9 and 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).

- 16) Information and questions regarding these adopted amendments shall be directed to:
Please reference dockets R16-9 and R17-8 and direct inquiries to the following person:

Michael J. McCambridge
Staff Attorney

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NOTICE OF ADOPTED AMENDMENTS

Illinois Pollution Control Board
100 W. Randolph 11-500
Chicago, IL 60601

312-814-6924
michael.mccambridge@illinois.gov

Request copies of each of the Board's opinions and orders of January 19, 2017 in dockets R16-9 and R17-8 at 312-814-3620. Alternatively, you may obtain a copy of the Board's opinion and order from the Internet at <http://www.ipcb.state.il.us>.

The full text of the adopted amendments begins on the next page:

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NOTICE OF ADOPTED AMENDMENTS

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
307.1512	Dry Whey

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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

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NOTICE OF ADOPTED AMENDMENTS

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
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

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NOTICE OF ADOPTED AMENDMENTS

- 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
- 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

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NOTICE OF ADOPTED AMENDMENTS

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

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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

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

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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

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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

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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 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

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

SUBPART BF: BUILDERS' PAPER AND BOARD MILLS

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

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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
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

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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

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

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

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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

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].

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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 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 R16-9 and R17-8 at 41 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 whose engaged primarily in the generation of electricity is the predominant source of revenue or principal reason for operation, distribution and whose generation of electricity sale that results primarily from a process utilizing fossil-type fuel (coal, oil, or gas), fuel derived from fossil fuel (e.g., petroleum coke, synthesis gas), or nuclear fuel in conjunction with a thermal cycle employing the steam water system as the thermodynamic medium. This Section applies to discharges associated with both the combustion turbine and steam turbine portions of a combined cycle generating unit.
- b) **Specialized definitions.** The Board incorporates by reference 40 CFR 423.11 (2016)-(2012). This incorporation includes no later amendments or editions.
- c) **Existing sources.**

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- 1) The Board incorporates by reference 40 CFR 423.16 ~~(2016)~~-(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 those such standards.
- d) New sources.
- 1) The Board incorporates by reference 40 CFR 423.17 ~~(2016)~~-(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 those such standards.
 - 3) “New source” means any building, structure, facility, or installation the construction of which commenced after October 14, 1980.

(Source: Amended 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 CFR 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).

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- 1) PSES for Wastewater from Unconventional Oil and Gas Extraction. Except as provided in 40 CFR 403.7 and 403.13 (2016), incorporated by reference, any existing source subject to this Section must achieve the following 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.
 - 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 scale 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.

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- 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."

- 2) PSES for Wastewater from Conventional Oil and Gas Extraction. The pretreatment standards of this subsection (c) do not apply to conventional oil and gas extraction. This subsection (c)(2) corresponds with 40 CFR 435.33(b), which USEPA marked "reserved."

BOARD NOTE: Subsection (c) is derived from 40 CFR 435.33 (2016), as amended at 81 Fed. Reg. 67191 (Sept. 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 (2016), incorporated by reference, any new source with discharges subject to this Section must achieve the following 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. The pretreatment standards of this subsection (d) do not apply to conventional oil and gas extraction. This subsection (d)(2) corresponds with 40 CFR 435.34(b), which USEPA marked "reserved."

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

The pretreatment standards of Section 307.4503 do not apply to coalbed methane. This Section corresponds with subpart H of 40 CFR 435, which USEPA marked "reserved".

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