

TITLE 35: ENVIRONMENTAL PROTECTION  
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PART 307  
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#### 307.APPENDIX A References to Previous Rules (Repealed)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 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. 1129, effective January 23, 2017; amended in R18-6/R18-14 at 42 Ill. Reg. 10676, effective May 29, 2018; amended in R21-15 at 45 Ill. Reg. 8035, effective June 21, 2021; amended in R18-23 at 47 Ill. Reg. 4662, effective March 23, 2023.

## SUBPART A: GENERAL PROVISIONS

### Section 307.101 Preamble (Renumbered)

(Source: Section 307.101 renumbered to Section 307.1001 at 12 Ill. Reg. 2592, effective January 13, 1988.)

### Section 307.102 General Requirements (Renumbered)

(Source: Section 307.102 renumbered to Section 307.1101 at 12 Ill. Reg. 2592, effective January 13, 1988)

### Section 307.103 Mercury (Renumbered)

(Source: Section 307.103 renumbered to Section 307.1102 at 12 Ill. Reg. 2592, effective January 13, 1988)

### Section 307.104 Cyanide (STORET number 00720) (Renumbered)

(Source: Section 307.104 renumbered to Section 307.1103 at 12 Ill. Reg. 2592, effective January 13, 1988)

### Section 307.105 Pretreatment Requirements (Repealed)

(Source: Repealed at 12 Ill. Reg. 2592, effective January 13, 1988)

## **Section 307.1001 Preamble**

- a) This Part places certain restrictions on the types, concentrations, and quantities of contaminants that can be discharged into sewer systems in the State.
  - 1) Subpart B includes standards for the discharge of contaminants to sewer systems. These apply to dischargers to publicly owned treatment works (POTWs) and to dischargers to other types of treatment works, as specified in each Section.

- 2) Subparts F through CT include standards for the discharge of contaminants from certain industrial source categories into POTWs.
- b) 35 Ill. Adm. Code 310 specifies requirements for pretreatment programs for POTWs.
- c) This Part incorporates federal regulations by reference.
  - 1) The incorporations include no later amendments or editions.
  - 2) Except where the contrary is clearly indicated, the Board intends to set forth all procedural requirements in full in this Part and 35 Ill. Adm. Code 310 and to use only the definitions, requirements, or standards from the incorporated material.
  - 3) Except where the contrary is clearly indicated, references to other federal regulations within incorporated material are to be construed as referencing Board rules derived from the referenced material rather than referencing the other federal regulation.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### Section 307.1002 Definitions

- a) The definitions of 35 Ill. Adm. Code 301 do not apply to this Part.
- b) The definitions of 35 Ill. Adm. Code 310 apply to this Part.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988)

#### **Section 307.1003 Test Procedures for Measurement**

The test procedures for measurement prescribed at 40 CFR 136 and incorporated by reference in 35 Ill. Adm. Code 310.107 apply to expressions of pollutant amounts, characteristics, or properties in pretreatment standards in this Part, unless otherwise noted or defined in individual Subparts.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### Section 307.1005 Toxic Pollutants

- a) The Board incorporates by reference 40 CFR 401.15 (2005). This incorporation includes no later amendments or editions.



- b) A “toxic pollutant” is one of the materials listed in 40 CFR 401.15 or in table II or III in appendix D to 40 CFR 122, incorporated by reference in 35 Ill. Adm. Code 310.107.

(Source: Amended at 30 Ill. Reg. 17811, effective October 26, 2006)

### **Section 307.1006 Electronic Reporting**

The filing of any document under any provision of this Part as an electronic document is subject to 35 Ill. Adm. Code 310.106.

BOARD NOTE: Derived from 40 CFR 3, as added, and 40 CFR 403.8(g) (2005), as amended at 70 Fed. Reg. 59848 (Oct. 13, 2005).

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART B: GENERAL AND SPECIFIC PRETREATMENT REQUIREMENTS

### **Section 307.1101 General and Specific Requirements**

No person may introduce the following types of pollutants into a POTW:

- a) General Requirements
  - 1) Pollutants that pass through the POTW; or
  - 2) Pollutants that interfere with the operation or performance of the POTW.
  
- b) Specific Requirements
  - 1) Pollutants that create a fire or explosion hazard within the POTW, including, but not limited to, waste streams with a closed cup flashpoint of less than 60 °C (140 °F) using the test methods specified in 35 Ill. Adm. Code 721.121;
  - 2) Pollutants that would cause safety hazards to the personnel operating the treatment works;
  - 3) Pollutants that will cause corrosive damage to the POTW;

- 4) Pollutants that would be injurious in any other way to sewers, treatment works, or structures;
- 5) Discharges with a pH less than 5.0, unless the POTW is specifically designed to accommodate such discharges;
- 6) Solid or viscous pollutants in amounts that will obstruct the flow in the POTW resulting in interference;
- 7) Any pollutant, including oxygen-demanding pollutants, at a flow rate or concentration that will cause interference with the POTW;
- 8) Heat in amounts that will inhibit biological activity in the POTW and interfere with the POTW;
- 9) Heat in amounts that result in temperatures in the influent to the POTW treatment plant greater than 40 °C (104 °F), unless the Agency approves alternate temperature limits in the pretreatment plan;
- 10) Pollutants that would cause the effluent from the treatment works to violate applicable effluent standards;
- 11) Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through;
- 12) Pollutants that result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems; or
- 13) Any trucked or hauled pollutants, except at discharge points designated by the POTW.

BOARD NOTE: Derived from 40 CFR 403.3 and 403.5 (2005).

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1102 Mercury**

- a) Except as provided in this Section, no person may cause or allow the concentration of mercury in any discharge to a publicly owned or publicly regulated sewer system to exceed 0.0005 mg/L, subject to the averaging rule contained in 35 Ill. Adm. Code 304.104(a).

- b) Subsection (a) does not apply if the discharge is to a publicly owned or publicly regulated sewer system that is required to meet a limitation less stringent than the 0.0005 mg/L mercury concentration, in which case the discharge limitation must be the same as that applicable to the publicly owned or regulated sewer system to which it discharges.
- c) Subsection (a) does not apply if all the following conditions are met:
  - 1) The discharger does not use mercury, the discharger uses mercury and this use cannot be eliminated, or the discharger uses mercury only in chemical analysis or in laboratory or other equipment and takes reasonable care to avoid contamination of wastewater;
  - 2) The discharge's mercury concentration is less than 0.003 mg/L, as determined by applying the averaging rules of 35 Ill. Adm. Code 304.104(a);
  - 3) The discharger is providing the best degree of treatment consistent with technological feasibility, economic reasonableness, and sound engineering judgment. This may include no treatment for mercury; and
  - 4) The discharger has an inspection and maintenance program likely to reduce or prevent an increase in the level of mercury discharges.
- d) The discharge of wastes from medicinal or therapeutic use of mercury, exclusive of laboratory use, will be exempt from the limitations of subsection (a) if all the following conditions are met:
  - 1) The total plant discharge is less than 227 g (one-half pound) as Hg in any year;
  - 2) This discharge is to a public sewer system; and
  - 3) The discharge does not, alone or in conjunction with other sources, cause the effluent from the sewer system or treatment plant to exceed 0.0005 mg/L of mercury.
- e) No person may cause or allow any discharge of mercury to a publicly owned or publicly regulated sewer system that, alone or in combination with other sources, causes the sewer treatment plant discharge to violate the water quality standard of 35 Ill. Adm. Code 302 for mercury applicable in the receiving stream.
- f) For purposes of permit issuance, the Agency may consider applying the exception under subsection (b) or (c) to determine compliance with this

Section. The Agency may impose permit conditions necessary or required to assure continued application of the exception. When subsection (b) or (c) applies, the Agency may impose an effluent limitation in the permit that allows the discharge of a concentration of mercury greater than 0.0005 mg/L but not more than 0.003 mg/L.

- g) The mercury standards of Section 307.1102 will not apply to the Reilly Industries, Inc., Granite City, which discharges to any publicly-owned treatment works that receives such a manufacturing facility's wastewater. The amount of mercury discharged by any such manufacturing facility must not exceed a monthly average of 0.025 mg/L nor a maximum of 0.035 mg/L or 7.5 grams per day, subject to the Board's averaging rules during any one day.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1103 Cyanide**

- a) Waste to any public sewer system must not contain more than 10 mg/L total cyanide, and any sample tested must not release more than 2 mg/L of cyanide when tested at a pH of 4.5 and a temperature of 66 °C (150 °F) for 30 minutes, except as permitted by subsection (b).
- b) Upon application by a county, municipality, sanitary district, or public utility and approval by the Agency, based upon the Agency's determination that no violation of the effluent standards of 35 Ill. Adm. Code 304 or hazard to workers in that sewage works will result, limited additional amounts of cyanide exceeding the standards in subsection (a) may be discharged to the sewage works of that county, sanitary district, municipality, or public utility.
- c) Nothing in this Section may be construed as limiting the authority of any county, municipality, sanitary district, or public utility to impose any more stringent standards or limitations on cyanide discharges to its sewage works.
- d) Any actions undertaken under subsection (b) will be subject to the limitations of Section 307.2400(b)(7).

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## **SUBPART F: DAIRY PRODUCTS PROCESSING**

### **Section 307.1501 Receiving Stations**

- a) **Applicability.** This Section applies to discharges resulting from the operation of receiving stations engaged in the assembly and reshipment of bulk milk for the use of manufacturing or processing plants.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 405.11 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 405.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 405.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 20, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1502 Fluid Products**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of market milk (ranging from 3.5 percent fat to fat-free), flavored milk (chocolate and others), and cream (of various fat concentrations, plain, and whipped).
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 405.21 (2003). This incorporation includes no later amendments or editions.

- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 405.24 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 405.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 20, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1503 Cultured Products**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of cultured products, including cultured skim milk (cultured buttermilk), yogurt, sour cream, and dips of various types.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 405.31 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 405.34 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 405.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) “New source” means any building, structure, facility, or installation whose construction commenced after December 20, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

Section 307.1504 Butter

- a) Applicability. This Section applies to discharges resulting from the manufacture of butter, either by churning or continuous process.
- b) Specialized definitions. The Board incorporates by reference 40 CFR 405.41 (2003). This incorporation includes no later amendments or editions.
- c) Existing sources.
  - 1) The Board incorporates by reference 40 CFR 405.44 (2003). 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 405.46 (2003). 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 December 20, 1973.

(Source: Amended at 28 Ill. Reg. 3076, effective February 6, 2004)

#### **Section 307.1504 Butter**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of butter, either by churning or continuous process.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 405.41 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 405.44 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 405.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 20, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.1505 Cottage Cheese and Cultured Cream Cheese**



- a) Applicability. This Section applies to discharges resulting from the manufacture of cottage cheese and cultured cream cheese.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 405.51 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 405.54 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 405.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 20, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1506 Natural and Processed Cheese**

- a) Applicability. This Section applies to discharges resulting from the manufacture of natural cheese (hard curd) and processed cheese.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 405.61 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 405.64 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 405.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 20, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.1507 Fluid Mix for Ice Cream and Other Frozen Desserts**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of fluid mixes for ice cream and other frozen desserts for later freezing in other plants; it does not include freezing of the products as one of the affected operations.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 405.71 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 405.74 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**

- 1) The Board incorporates by reference 40 CFR 405.76 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 20, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1508 Ice Cream, Frozen Desserts, Novelties, and Other Dairy Desserts**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of ice cream, ice milk, sherbet, water ices, stick confections, frozen novelties products, frozen desserts, mellorine, pudding, and other dairy product base desserts. If fluid mixes prepared at another plant are employed, the appropriate values from Section 307.1507 should be deducted from the limitations.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 405.81 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 405.84 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 405.86 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 20, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1509 Condensed Milk**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of condensed whole milk, condensed skim milk, sweetened condensed milk, and condensed buttermilk.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 405.91 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 405.94 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 405.96 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 20, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1510 Dry Milk**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of dry whole milk, dry skim milk, and dry buttermilk.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 405.101 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 405.104 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 405.106 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 20, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1511 Condensed Whey**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of condensed sweet whey and condensed acid whey.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 405.111 (2003). This incorporation includes no later amendments or editions.

- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 405.114 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 405.116 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 20, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1512 Dry Whey**

- a) Applicability. This Section applies to discharges resulting from the manufacture of sweet or acid dry whey.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 405.121 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 405.124 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources

- 1) The Board incorporates by reference 40 CFR 405.126 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 20, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART G: GRAIN MILLS

### **Section 307.1601 Corn Wet Milling**

- a) **Applicability.** This Section applies to discharges resulting from the process in which shelled corn is steeped in a dilute solution of sulfurous acid and then processed by wet means into such products as animal feed, regular and modified starches, corn oil, corn syrup, and dextrose.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 406.11 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 406.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 406.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 4, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1602 Corn Dry Milling**

- a) **Applicability.** This Section applies to discharges resulting from the process in which shelled corn is washed and subsequently milled by dry processes into such products as cornmeal, grits, flour, oil, and animal feed. This Section does not apply to discharges from subsequent manufacturing operations to produce expanded or extruded feed or feed products.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 406.21 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 406.24 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 406.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 4, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)



### **Section 307.1603 Normal Wheat Flour Milling**

- a) **Applicability.** This Section applies to discharges resulting from the processes in which wheat and other grains are milled by dry processes into flour and millfeed.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 406.31 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 406.34 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 406.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 4, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1604 Bulgur Wheat Flour Milling**

- a) **Applicability.** This Section applies to discharges resulting from the process in which wheat is parboiled, dried, and partially debranned in the production of bulgur.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 406.41 (2003). This incorporation includes no later amendments or editions.

- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 406.44 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 406.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 4, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1605 Normal Rice Milling**

- a) **Applicability.** This Section applies to discharges resulting from the process in which rice is cleaned and milled by dry processes.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 406.51 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 406.54 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 406.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 4, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1606 Parboiled Rice Milling**

- a) **Applicability.** This Section applies to discharges resulting from the process in which rice is cleaned, cooked, and dried before being milled.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 406.61 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 406.64 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 406.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 4, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1607 Animal Feed**

- a) **Applicability.** This Section applies to discharges resulting from the manufacturing of animal feeds (formula feed concentrate) using primarily grain and grain by-products that may be supplemented by proteins, pharmaceuticals, vitamins, or mineral additives.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 406.71 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 406.76 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after September 17, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1608 Hot Cereal**

- a) **Applicability.** This Section applies to discharges resulting from the production of various breakfast cereals from grains, principally wheat and oats, requiring cooking before normal human consumption.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 406.81 (2003). This incorporation includes no later amendments or editions.

- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 406.86 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after September 17, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.1609 Ready-to-Eat Cereal**

- a) Applicability. This Section applies to discharges resulting from the processing of various grains and other materials (whole grain wheat, rice, corn grits, oat flour, sugar, and minor ingredients) to produce various breakfast cereals normally available for human consumption without cooking.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 406.91 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 406.96 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after September 17, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1610 Wheat Starch and Gluten**

- a) **Applicability.** This Section applies to discharges resulting from those industrial operations using wheat flour as a raw material for the production of wheat starch and gluten (protein) components through conventional processes of physical separation and subsequent refinement.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 406.101 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 406.106 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after September 17, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## **SUBPART H: CANNED AND PRESERVED FRUITS AND VEGETABLES**

### **Section 307.1700 General Provisions**

**Proration.** When a plant is subject to limitations covering more than one subcategory, the plant discharge limitation must be set by proration limitations for each subcategory based on the total raw material covered by each subcategory.

(Source: Amended at 28 Ill. Reg. 3076, effective February 6, 2004)

### **Section 307.1701 Apple Juice**

- a) **Applicability.** This Section applies to discharges resulting from the processing of apples into apple juice or apple cider.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 407.11 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 407.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 407.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 9, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1702 Apple Products**

- a) **Applicability.** This Section applies to discharges resulting from the processing of apples into apple products. The processing of apples into caustic-peeled or dehydrated products is specifically excluded.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 407.21 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 407.24 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 407.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 9, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1703 Citrus Products**

- a) Applicability. This Section applies to discharges resulting from the processing of citrus into citrus products.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 407.31 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 407.34 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the



discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 407.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 9, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.1704 Frozen Potato Products**

- a) Applicability. This Section applies to discharges resulting from the processing of white potatoes into frozen potato products.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 407.41 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 407.44 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 407.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 9, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1705 Dehydrated Potato Products**

- a) **Applicability.** This Section applies to discharges resulting from the processing of white potatoes into dehydrated potato products.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 407.51 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 407.54 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 407.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 9, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1706 Canned and Preserved Fruits**

- a) Applicability. This Section applies to discharges resulting from the processing of the following fruit products: apricots; caneberries; sweet, sour, and brined cherries; cranberries; dried fruit; grape juice canning and pressing; olives; peaches; pears; fresh and processed pickles and pickle salting stations; pineapples; plums; raisins; strawberries; and tomatoes.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 407.61 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 407.64 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 407.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 21, 1975.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1707 Canned and Preserved Vegetables**

- a) Applicability. This Section applies to discharges resulting from the processing of the following vegetable products: beets, broccoli, carrots, canned and frozen corn, dehydrated onions and garlic, dehydrated vegetables, dry beans, lima beans, mushrooms, canned onions, peas, sauerkraut canning and cutting, snap beans, spinach, squash, and canned potatoes.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 407.71 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 407.74 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 407.76 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 21, 1975.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1708 Canned and Miscellaneous Specialties**

- a) Applicability. This Section applies to discharges resulting from the processing of the following specialty products: added ingredients; baby food; corn, potato, and tortilla chips; ethnic foods; jams and jellies; mayonnaise and dressings; soups; and tomato-starch-cheese canned specialties.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 407.81 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 407.84 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 407.86 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 21, 1975.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART I: CANNED AND PRESERVED SEAFOOD

### **Section 307.1801 Farm-Raised Catfish**

- a) **Applicability.** This Section applies to discharges resulting from the processing of farm-raised catfish by existing facilities that process more than 1,362 kg (3,000 lb) of raw material per day on any day during a calendar year and all new sources.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 408.11 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 408.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 408.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 6, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1815 Fish Meal Processing Subcategory (Repealed)**

(Source: Repealed at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART J: SUGAR PROCESSING

### **Section 307.1901 Beet Sugar Processing**

- a) Applicability. This Section applies to discharges resulting from any operation attendant to the processing of sugar beets for the production of sugar.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 409.11 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 409.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 409.16 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 22, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1902 Crystalline Cane Sugar Refining**

- a) **Applicability.** This Section applies to discharges resulting from the processing of raw cane sugar into crystalline refined sugar.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 409.21 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 409.24 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 409.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 7, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.1903 Liquid Cane Sugar Refining**

- a) **Applicability.** This Section applies to discharges resulting from the processing of raw cane sugar into liquid refined sugar.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 409.31 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 409.34 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 409.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 7, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **SUBPART K: TEXTILE MILLS**

#### **Section 307.2000 General Provisions**

- a) **Applicability.** This Subpart K applies to any textile mill or textile processing facility that introduces or may introduce process wastewater pollutants into a POTW.
- b) **General definitions.** The Board incorporates by reference 40 CFR 410.01 (2003). This incorporation includes no later amendments or editions.



(Source: Amended at 28 Ill. Reg. 3076, effective February 6, 2004)

### **Section 307.2001 Wool Scouring**

- a) Applicability. This Section applies to discharges resulting from the following types of textile mills: wool scouring, topmaking, and general cleaning of raw wool.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 410.11 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 410.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 410.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 10, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2002 Wool Finishing**

- a) Applicability. This Section applies to discharges resulting from the following types of textile mills: wool finishers, including carbonizing, fulling, dyeing, bleaching, rinsing, fireproofing, and other similar processes.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 410.21. This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 410.24 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 410.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 10, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2003 Low Water Use Processing**

- a) Applicability. This Section applies to discharges resulting from the following types of textile mills: yarn manufacture, yarn texturizing, unfinished fabric manufacture, fabric coating, fabric laminating, tire cord and fabric dipping, and carpet tufting and carpet backing. Rubberized or rubber-coated fabrics regulated by 40 CFR 428 are specifically excluded.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 410.31 (2005). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 410.34 (2005). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 410.36 (2005). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 10, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2004 Woven Fabric Finishing**

- a) **Applicability.** This Section applies to discharges resulting from the following types of textile mills: woven fabric finishers, which may include any or all of the following unit operations: desizing, bleaching, mercerizing, dyeing, printing, resin treatment, waterproofing, flameproofing, soil repellency application, and a special finish application.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 410.41 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 410.44 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**

- 1) The Board incorporates by reference 40 CFR 410.46 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 10, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2005 Knit Fabric Finishing**

- a) **Applicability.** This Section applies to discharges resulting from the following types of textile mills: knit fabric finishers, which may include any or all of the following unit operations: bleaching, mercerizing, dyeing, printing, resin treatment, waterproofing, flameproofing, soil repellency application, and a special finish application.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 410.51 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 410.54 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 410.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 10, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2006 Carpet Finishing**

- a) **Applicability.** This Section applies to discharges resulting from the following types of textile mills: carpet mills, which may include any or all of the following unit operations: bleaching, scouring, carbonizing, fulling, dyeing, printing, resin treatment, waterproofing, flameproofing, soil repellency, looping, and backing with foamed and unfoamed latex and jute. Carpet backing without other carpet manufacturing operations is included in Section 307.2003.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 410.61 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 410.64 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 410.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 10, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2007 Stock and Yarn Finishing**

- a) Applicability. This Section applies to discharges resulting from the following types of textile mills: stock or yarn dyeing or finishing, which may include any or all of the following unit operations and processes: cleaning, scouring, bleaching, mercerizing, dyeing, and special finishing.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 410.74 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 410.76 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 10, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2008 Nonwoven Manufacturing**

- a) Applicability. This Section applies to discharges resulting from facilities that primarily manufacture nonwoven textile products of wool, cotton, or synthetics, singly or as blends, by mechanical, thermal, or adhesive bonding procedures. Nonwoven products produced by fulling and felting processes are covered in Section 307.2009.
- b) Specialized Definitions. None.
- c) Existing Sources

- 1) The Board incorporates by reference 40 CFR 410.84 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 410.86 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 10, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2009 Felted Fabric Processing**

- a) Applicability. This Section applies to discharges resulting from facilities that primarily manufacture nonwoven products by employing fulling and felting operations as a means of achieving fiber bonding.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 410.94 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources

- 1) The Board incorporates by reference 40 CFR 410.96 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 10, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART L: CEMENT MANUFACTURING

### **Section 307.2101 Nonleaching**

- a) **Applicability.** This Section applies to discharges resulting from the process in which several mineral ingredients (limestone or other natural sources of calcium carbonate, silica, alumina, and iron together with gypsum) are used in the manufacturing of cement and in which kiln dust is not contacted with water as an integral part of the process and water is not used in wet scrubbers to control kiln stack emissions.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 411.11 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 411.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 411.16 (2003). This incorporation includes no later amendments or editions.



- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after September 7, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2102 Leaching**

- a) **Applicability.** This Section applies to discharges resulting from the process in which several mineral ingredients (limestone or other natural sources of calcium carbonate, silica, alumina, and iron together with gypsum) are used in the manufacturing of cement and in which kiln dust is contacted with water as an integral part of the process or water is used in wet scrubbers to control kiln stack emissions.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 411.21 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 411.24 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 411.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after September 7, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2103 Materials Storage Piles Runoff**

- a) **Applicability.** This Section applies to discharges resulting from the runoff of rainfall that derives from the storage of materials including raw materials, intermediate products, finished products, and waste materials that are used in or derived from the manufacture of cement under either Section 307.2101 or 307.2102.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 411.31 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 411.34 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 411.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after September 7, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART M: CONCENTRATED ANIMAL FEEDING OPERATIONS

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

(Source: Amended at 37 Ill. Reg. 1936, effective February 4, 2013)

## **Section 307.2202 Ducks**

- a) **Applicability.** This Section applies to discharges resulting from the production areas at dry lot and wet lot duck CAFOs. This Section does not apply to such a CAFO with less than the following capacity: 5,000 ducks.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 412.21 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** USEPA removed the former standards applicable to existing sources at 68 Fed. Reg. 7176 (February 12, 2003).
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 412.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after September 7, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## **SUBPART N: ELECTROPLATING**

### **Section 307.2300 General Provisions**

- a) **Applicability**
  - 1) This Subpart N applies to any electroplating operations in which metal is electroplated on any basis material and to related metal finishing operations as identified in the various Sections, whether such operations are conducted in conjunction with electroplating, independently, or as part of some other operation.

- 2) Operations similar to electroplating that are specifically excepted from coverage of this Subpart N include the following:
    - A) Electrowinning and electrorefining conducted as a part of nonferrous metal smelting and refining (Subpart V);
    - B) Metal surface preparation and conversion coating conducted as a part of coil coating (Subpart CN);
    - C) Metal surface preparation and immersion plating or electroless plating conducted as a part of porcelain enameling (Subpart CO); and
    - D) Electrodeposition of active electrode materials, electroimpregnation, and electroforming conducted as a part of battery manufacturing (Subpart CJ).
  - 3) Metallic platemaking and gravure cylinder preparation conducted within or for printing and publishing facilities, and continuous strip electroplating conducted within iron and steel manufacturing facilities are exempted from the pretreatment standards for existing sources in this Subpart N.
  - 4) Certain electroplating operations may be subject to the metal finishing standards of Subpart BH.
- b) General Definitions. The Board incorporates by reference 40 CFR 413.02 (2003). This incorporation includes no later amendments or editions.
  - c) Monitoring Requirements. The Board incorporates by reference 40 CFR 413.03 (2003). This incorporation includes no later amendments or editions.
  - d) Compliance Dates. The Board incorporates by reference 40 CFR 413.01(a) (2003). This incorporation includes no later amendments or editions.
  - e) Integrated Facilities. The Board incorporates by reference 40 CFR 413.04 (2003). This incorporation includes no later amendments or editions.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2301 Electroplating of Common Metals**

- a) Applicability. This Section applies to discharges resulting from the process in which a ferrous or nonferrous basis material is electroplated

with copper, nickel, chromium, zinc, tin, lead, cadmium, iron, aluminum, or any combination of these.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 413.11 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 413.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) Sources whose construction commenced after August 31, 1982 are subject to Subpart BH.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2302 Electroplating of Precious Metals**

- a) Applicability. This Section applies to discharges resulting from the process in which a ferrous or nonferrous basis material is plated with gold, silver, iridium, palladium, platinum, rhodium, ruthenium, or any combination of these.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 413.21 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 413.24 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of such standards.
- d) Sources whose construction commenced after August 31, 1982 are subject to Subpart BH.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2304 Anodizing**

- a) **Applicability.** This Section applies to discharges resulting from the anodizing of ferrous or nonferrous materials.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 413.41 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 413.44 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) Sources whose construction commenced after August 31, 1982 are subject to Subpart BH.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2305 Coatings**

- a) **Applicability.** This Section applies to discharges resulting from the chromating, phosphating, or immersion plating on ferrous or nonferrous materials.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 413.51 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 413.54 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- d) Sources whose construction commenced after August 31, 1982 are subject to Subpart BH.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2306 Chemical Etching and Milling**

- a) **Applicability.** This Section applies to discharges resulting from the chemical milling or etching of ferrous or nonferrous materials.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 413.61 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 413.64 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) Sources whose construction commenced after August 31, 1982 are subject to Subpart BH.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2307 Electroless Plating**

- a) **Applicability.** This Section applies to discharges resulting from the electroless plating of a metallic layer on a metallic or nonmetallic substrate.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 413.71 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 413.74 (2003). This incorporation includes no later amendments or editions.



- 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) Sources whose construction commenced after August 31, 1982 are subject to Subpart BH.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2308 Printed Circuit Boards**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of printed circuit boards, including all manufacturing operations required or used to convert an insulating substrate to a finished printed circuit board. The other Sections of this Subpart N do not apply to the manufacture of printed circuit boards.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 413.81 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 413.84 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) Sources whose construction commenced after August 31, 1982 are subject to Subpart BH.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## **SUBPART O: ORGANIC CHEMICALS, PLASTICS, AND SYNTHETIC FIBERS**

### **Section 307.2400 General Provisions**

- a) **General Definitions.** The Board incorporates by reference 40 CFR 414.10 (2005). This incorporation includes no later amendments or editions.

b) Applicability

- 1) This Subpart O applies to process wastewater discharges from all establishments or portions of establishments that manufacture the organic chemicals, plastics, and synthetic fibers (OCPSF) products or product groups that are covered by Sections 307.2402 through 307.2408 and which are included in the following SIC major groups, as defined in the Standard Industrial Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107:
  - A) SIC 2821: Plastic materials, synthetic resins, and nonvulcanizable elastomers.
  - B) SIC 2823: Cellulosic man-made fibers.
  - C) SIC 2824: Synthetic organic fibers, except cellulosic.
  - D) SIC 2865: Cyclic crudes and intermediates, dyes, and organic pigments.
  - E) SIC 2869: Industrial organic chemicals, not elsewhere classified.
- 2) This Subpart O applies to wastewater discharges from OCPSF research and development, pilot plant, technical service, and laboratory bench-scale operations if such operations are conducted in conjunction with and related to existing OCPSF manufacturing activities at the plant site.
- 3) Notwithstanding subsection (b)(1), this Subpart O does not apply to discharges resulting from the manufacture of OCPSF products if the products are included in the following SIC subgroups, as defined in the Standard Industrial Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107, and if the products have in the past been reported by the establishment under these subgroups and not under the SIC groups listed in subsection (b)(1):
  - A) SIC 2843085: Bulk surface active agents.
  - B) SIC 28914: Synthetic resin and rubber adhesives.
  - C) Chemicals and Chemical Preparations Not Elsewhere Classified:
    - i) SIC 2899568: Sizes, all types.

- ii) SIC 2899597: Other industrial chemical specialties, including fluxes, plastic wood preparations, and embalming fluids.
  - D) SIC 2911058: Aromatic hydrocarbons manufactured from purchased refinery products.
  - E) SIC 2911632: Aliphatic hydrocarbons manufactured from purchased refinery products.
- 4) Notwithstanding subsection (b)(1), this Subpart O does not apply to any discharges for which a different set of previously promulgated standards in this Part apply, unless the facility reports OCPSF products under SIC codes 2865, 2869, or 2821, as defined in the Standard Industrial Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107, and the facility's OCPSF wastewaters are discharged separately to a POTW.
- 5) This Subpart O does not apply to any process wastewater discharge from the manufacture of organic chemical compounds solely by extraction from plant and animal raw materials or by fermentation processes.
- 6) Discharges of chromium, copper, lead, nickel, and zinc in “complexed metal-bearing waste streams,” listed in Section 307.2491, are not subject to this Subpart O.
- 7) Non-Amenable Cyanide
  - A) Discharges of cyanide in “cyanide-bearing waste streams,” listed in Section 307.2490, are not subject to the cyanide limitations of this Subpart O if both of the following occur:
    - i) The Control Authority determines that the cyanide limitations are not achievable due to elevated levels of non-amenable cyanide (i.e., cyanide that is not oxidized by chlorine treatment) that result from the unavoidable complexing of cyanide at the process source of the cyanide-bearing waste stream, and
    - ii) The control authority establishes an alternative total cyanide or amenable cyanide limitation that reflects the best available technology economically achievable.

- B) The control authority must base its determination made pursuant to subsection (b)(7)(A) on a review of the relevant engineering, production, and sampling and analytical information at its disposal, including measurements of both total and amenable cyanide in the waste stream.
  - C) The control authority must set forth its determination made pursuant to subsection (b)(7)(A) in a written analysis of the extent of complexing in the waste stream and its impact on cyanide treatability, based on the information at its disposal.
  - D) Alternative cyanide discharge limitation determinations made pursuant to this subsection (b)(7) are subject to the limitations of Section 307.1103. However, Section 307.1103 may not be used to allow a discharge of total cyanide greater than that otherwise allowed by this subsection (b)(7).
- 8) Allowances for Non-Metal-Bearing Waste Streams
- A) The control authority must establish discharge limitations for lead and zinc for waste streams not listed in Section 307.2490 and not otherwise determined to be “metal-bearing waste streams” if it determines that the wastewater metals contamination is due to background levels that are not reasonably avoidable, from such sources as intake water, corrosion of materials of construction, or contamination of raw materials.
  - B) The control authority must base its determination made pursuant to subsection (b)(8)(A) on a review of relevant plant operating conditions, process chemistry, engineering, and sampling and analytical information.
  - C) The control authority must set forth its determination made pursuant to subsection (b)(8)(A) in a written analysis of the sources and levels of the metals, based on the information at its disposal.
  - D) The control authority may establish limitations for lead and zinc for non-metal-bearing waste streams for the purposes of subsection (b)(8)(A) between the following levels:

- i) The lowest level that the control authority determines, based on best professional judgment, can be reliably measured; and
  - ii) The concentration of such metals present in the waste streams, but not to exceed the applicable limitations contained in Sections 307.2401 through 307.2407.
  - iii) For zinc, the applicable limitations that the discharge must not exceed are those appearing in the tables in Sections 307.2401 through 307.2407, not the alternative limitations for rayon fiber manufacture by the viscose process, as set forth in footnote 2 to the table in 40 CFR 414.25, incorporated by reference at Section 307.2401(c)(1), or the alternative limitations for acrylic fiber manufacture by the zinc chloride/solvent process, as set forth in footnote 2 to the table in 40 CFR 414.35, each incorporated by reference at Section 307.2402(c)(1).
- E) The limitations for individual dischargers must be set on a mass basis, by multiplying the concentration allowance established by the control authority times the process wastewater flow from the individual waste streams in which incidental metals are present.
- c) **Compliance Date.** All dischargers subject to a pretreatment standard for existing sources in this Subpart O must have complied with the standard by November 5, 1990.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

**Section 307.2401 Rayon Fibers**

- a) **Applicability.** This Section applies to discharges of process wastewater resulting from the manufacture of rayon fiber by the viscose process only.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 414.25 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 414.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 21, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2402 Other Fibers**

- a) **Applicability.** This Section applies to discharges of process wastewater resulting from the manufacture of the products classified under SIC 2823, cellulosic man-made fibers and fiber groups, except rayon, and under SIC 2824, synthetic organic fibers and fiber groups, as defined in the Standard Industrial Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107, listed in this subsection. Product groups are indicated with an asterisk (\*).

- \*Acrylic fibers (85% Polyacrylonitrile)
- \*Cellulose acetate fibers
- \*Fluorocarbon (Teflon) fibers
- \*Modacrylic fibers
- \*Nylon 6 fibers
- Nylon 6 monofilament
- \*Nylon 66 fibers
- Nylon 66 monofilament
- \*Polyamide fibers (Quiana)
- \*Polyaramid (Kevlar) resin-fibers
- \*Polyaramid (Nomex) resin-fibers
- \*Polyester fibers
- \*Polyethylene fibers
- \*Polypropylene fibers
- \*Polyurethane fibers (Spandex)

- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 414.35 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 414.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 21, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2403 Thermoplastic Resins**

- a) Applicability. This Section applies to discharges of process wastewater resulting from the manufacture of the products classified under SIC 28213, thermoplastic resins and thermoplastic resin groups, as defined in the Standard Industrial Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107, listed in this subsection. Product groups are indicated with an asterisk (\*).
  - \*Abietic acid-derivatives
  - \*ABS resins
  - \*ABS-SAN resins
  - \*Acrylate-methacrylate latexes
  - \*Acrylic latex
  - \*Acrylic resins
  - \*Cellulose acetate butyrates
  - Cellulose acetate resin
  - \*Cellulose acetates
  - \*Cellulose acetates priopionates

Cellulose nitrate  
\*Ethylene-methacrylic acid copolymers  
\*Ethylene-vinyl acetate copolymers  
\*Fatty acid resins  
\*Fluorocarbon polymers  
Nylon 11 resin  
\*Nylon 6-66 copolymers  
\*Nylon 6-Nylon 11 blends  
Nylon 6 resin  
Nylon 612 resin  
Nylon 66 resin  
\*Nylons  
\*Petroleum hydrocarbon resins  
\*Polyvinyl pyrrolidone-copolymers  
\*Poly(alpha)olefins  
Polyacrylic acid  
\*Polyamides  
\*Polyarylamides  
\*Polybutadiene  
\*Polybutenes  
Polybutyl succinic anhydride  
\*Polycarbonates  
\*Polyester resins  
\*Polyester resins, Polybutylene terephthalate  
\*Polyester resins, Polyoxybenzoate  
Polyethylene  
\*Polyethylene-ethyl acrylate resins  
\*Polyethylene-polyvinyl acetate copolymers  
Polyethylene resin (HDPE)  
Polyethylene resin (LDPE)  
Polyethylene resin, scrap  
Polyethylene resin, wax (low molecular weight)  
Polyethylene resin, latex  
Polyethylene resins  
\*Polyethylene resins, compounded  
\*Polyethylene, chlorinated  
\*Polyimides  
\*Polypropylene resins  
Polystyrene (crystal)  
Polystyrene (crystal) modified  
\*Polystyrene--copolymers  
\*Polystyrene-acrylic latexes  
Polystyrene impact resins  
Polystyrene latex  
Polystyrene, expandable  
Polystyrene, expanded



- \*Polysulfone resins
- Polyvinyl acetate
- \*Polyvinyl acetate-PVC copolymers
- \*Polyvinyl acetate copolymers
- \*Polyvinyl acetate resins
- Polyvinyl alcohol resin
- Polyvinyl chloride
- Polyvinyl chloride, chlorinated
- \*Polyvinyl ether-maleic anhydride
- \*Polyvinyl formal resins
- \*Polyvinylacetate-methacrylic copolymers
- \*Polyvinylacetate acrylic copolymers
- \*Polyvinylacetate-2-ethylhexylacrylate copolymers
- Polyvinylidene chloride
- \*Polyvinylidene chloride copolymers
- \*Polyvinylidene-vinyl chloride resins
- \*PVC copolymers, acrylates (Latex)
- \*PVC copolymers, ethylene-vinyl chloride
- \*Rosin derivative resins
- \*Rosin modified resins
- \*Rosin resins
- \*SAN resins
- \*Silicones--silicone resin
- \*Silicones--silicone rubbers
- \*Styrene-maleic anhydride resins
- Styrene polymeric residue
- \*Styrene-acrylic copolymer resins
- \*Styrene-acrylonitrile-acrylates copolymers
- \*Styrene-butadiene resins
- \*Styrene-butadiene resins (less than 50% butadiene)
- \*Styrene-butadiene resins (Latex)
- \*Styrene-divinylbenzene resins (ion exchange)
- \*Styrene-methacrylate terpolymer resins
- \*Styrene-methyl methacrylate copolymers
- \*Styrene-butadiene-vinyl toluene terpolymers
- \*Sulfonated styrene-maleic anhydride resins
- \*Unsaturated polyester resins
- \*Vinyl toluene resins
- \*Vinyl toluene-acrylate resins
- \*Vinyl toluene-butadiene resins
- \*Vinyl toluene-methacrylate resins
- \*Vinyl acetate-n-butyl acrylate copolymers

b) Specialized Definitions. None.

c) Existing Sources

- 1) The Board incorporates by reference 40 CFR 414.45 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 414.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 21, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2404 Thermosetting Resins**

- a) Applicability. This Section applies to discharges of process wastewater resulting from the manufacture of the products classified under SIC 28214, thermosetting resins and thermosetting resin groups, as defined in the Standard Industrial Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107, listed in this subsection. Product groups are indicated with an asterisk (\*).

- \*Alkyd resins
- Dicyanodiamide resin
- \*Epoxy resins
- \*Fumaric acid polyesters
- \*Furan resins
- Glyoxal-urea formaldehyde textile resin
- \*Ketone-formaldehyde resins
- \*Melamine resins
- \*Phenolic resins
- \*Polyacetal resins
- \*Polyacrylamide
- \*Polyurethane prepolymers

- \*Polyurethane resins
- \*Urea formaldehyde resins
- \*Urea resins

- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 414.55 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 414.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 21, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2405 Commodity Organic Chemicals**

- a) Applicability. This Section applies to discharges of process wastewater resulting from the manufacture of the products classified under SIC 2865 or 2869, commodity organic chemicals and commodity organic chemical groups, as defined in the Standard Industrial Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107, listed in this subsection. Product groups are indicated with an asterisk (\*).
  - 1) Aliphatic Organic Chemicals
    - Acetaldehyde
    - Acetic acid
    - Acetic anhydride
    - Acetone

Acrylonitrile  
Adipic acid  
1,3-Butadiene  
\*Butylenes (Butenes)  
Cyclohexane  
1,2-Dichloroethane  
Ethanol  
Ethylene  
Ethylene glycol  
Ethylene oxide  
Formaldehyde  
Isopropanol  
Methanol  
Polyoxypropylene glycol  
Propylene  
Propylene oxide  
Vinyl acetate

2) Aromatic Organic Chemicals

Benzene  
Cumene  
Dimethyl terephthalate  
Ethylbenzene  
Phenol  
\*Pitch tar residues  
Pyrolysis gasolines  
Styrene  
Terephthalic acid  
Toluene  
\*Xylenes, mixed  
o-Xylene  
m-Xylene (impure)  
p-Xylene

3) Halogenated Organic Compounds

Vinyl chloride

b) Specialized Definitions. None.

c) Existing Sources

1) The Board incorporates by reference 40 CFR 414.65 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 414.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) For discharges of wastewater resulting from the manufacture of butadiene by any process that includes the oxidative dehydrogenation of butene, "new source" means any building, structure, facility, or installation whose construction commenced after December 17, 1973. For other sources, "new source" means any building, structure, facility, or installation whose construction commenced after March 21, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2406 Bulk Organic Chemicals**

- a) Applicability. This Section applies to discharges of process wastewater resulting from the manufacture of the products classified under SIC 2865 or 2869, bulk organic chemicals and bulk organic chemical groups, as defined in the Standard Industrial Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107, listed in this subsection. Product groups are indicated with an asterisk (\*).

- 1) Aliphatic Organic Chemicals

- \*Acetic acid esters
- \*Acetic acid salts
- Acetone cyanohydrin
- Acetylene
- Acrylic acid
- \*Acrylic acid esters
- n-alkanes
- \*Alkylates
- Butane (all forms)
- 1-Butene

1,4-Butanediol  
2-Butene (cis and trans)  
n-butyl acetate  
n-butyl alcohol  
sec-butyl alcohol  
tert-butyl alcohol  
n-butyraldehyde  
n-butyric acid  
n-butyric anhydride  
C4 hydrocarbons (unsaturated)  
Calcium stearate  
Caprolactam  
Carboxymethyl cellulose  
Cellulose acetate butyrates  
\*Cellulose ethers  
Cumene hydroperoxide  
Cyclohexanol  
Cyclohexanol-cyclohexanone (mixed)  
Cyclohexanone  
Cyclohexene  
\*C12-C18 primary alcohols (mixed)  
\*C5 concentrates  
\*C9 concentrates  
Decanol  
Diacetone alcohol  
\*Dicarboxylic acids-salts  
Diethyl ether  
Diethylene glycol  
Diethylene glycol diethyl ether  
Diethylene glycol dimethyl ether  
Diethylene glycol monoethyl ether  
Diethylene glycol monomethyl ether  
\*Dimer acids  
Dioxane  
Ethane  
2-Ethylbutyraldehyde  
Ethylene glycol monophenyl ether  
\*Ethoxylates, miscellaneous  
Ethylene glycol dimethyl ether  
Ethylene glycol monobutyl ether  
Ethylene glycol monoethyl ether  
Ethylene glycol monomethyl ether  
2-Ethylhexanol  
Glycerine (synthetic)  
Glyoxal  
Hexane

\*Hexane and other C6 hydrocarbons

Isobutanol

Isobutyl acetate

Isobutylene

Isobutyraldehyde

Isophorone

Isophthalic acid

Isoprene

Isopropyl acetate

Ligninsulfonic acid, calcium salt

Maleic anhydride

Methacrylic acid

\*Methacrylic acid esters

Methane

Methyl ethyl ketone

Methyl methacrylate

Methyl tert-butyl ether

Methyl isobutyl ketone

Nitrilotriacetic acid

Nylon salt

\*alpha-olefins

Oxalic acid

\*Oxo-aldehydes-alcohols

\*n-parafins

Pentaerythritol

Pentane

1-Pentene

\*Pentenes

\*Petroleum sulfonates

Pine oil

Polyoxybutylene glycol

Polyoxyethylene glycol

Propane

PropionaldehydePropionic acid

n-propyl acetate

n-propyl alcohol

Propylene glycol

Sodium formate

Sorbitol

Stearic acid, calcium salt (wax)

2,2,4-Trimethyl-1, 3-pentanediol

## 2) Amine and Amide Organic Chemicals

\*Alkyl amines

Aniline

n-butylamine  
sec-butylamine  
tert-butylamine  
Caprolactam, aqueous concentrate  
2,4-Diaminotoluene  
Diethanolamine  
N,N-diethylaniline  
2,6-Dimethylaniline  
N,N-dimethylformamide  
Diphenylamine  
\*Ethanolamines  
Ethylamine  
Ethylenediamine  
Ethylenediaminetetraacetic acid  
\*Fatty amines  
Hexamethylenediamine  
4-(N-Hydroxyethylethylamino)-2-hydroxyethylaniline  
Isopropylamine  
Melamine  
Melamine crystal  
\*Methylamines  
4,4'-Methylenebis(N,N'-dimethyl) aniline  
Methylenedianiline  
4,4'-Methylenedianiline  
\*Nitroanilines  
o-Phenylenediamine  
1,4-Phenylenediamine dihydrochloride  
Polymeric methylene dianiline  
Toluenediamine (mixture)  
m-Toluidine  
\*Toluidines

### 3) Aromatic Organic Chemicals

\*Alkyl benzenes  
\*Alkyl phenols  
\*Alkylbenzene sulfonic acids, salts  
Aminobenzoic acid (meta and para)  
Benzenedisulfonic acid  
Benzoic acid  
Bis(2-ethylhexyl)phthalate  
Bisphenol A  
BTX--benzene-toluene-xylene (mixed)  
Butyl octyl phthalate  
tert-butylphenol  
Coal tar



- \*Coal tar products (miscellaneous)
- Creosote
- o-Cresol
- m-Cresol
- p-Cresol
- \*Cresols, mixed
- Cyanuric acid
- \*Cyclic aromatic sulfonates
- Dibutyl phthalate
- Diisobutyl phthalate
- Diisodecyl phthalate
- Diisooctyl phthalate
- Dimethyl phthalate
- 2,4-Dinitrotoluene
- 2,6-Dinitrotoluene
- Dinitrotoluene (mixed)
- Ditridecyl phthalate
- Metanilic acid
- Methylenediphenyldiisocyanate
- alpha-methylstyrene
- Naphthalene
- beta-naphthalene sulfonic acid
- \*Naphthas, solvent
- Nitrobenzene
- Nitrotoluene
- Nonylphenol
- Phthalic acid
- Phthalic anhydride
- \*Tars-pitches
- \*Toluenediisocyanates (mixture)
- Trimellitic acid
- 1-Tetralol, 1-tetralone mix

4) Halogenated Organic Chemicals

- Allyl chloride
- Benzyl chloride
- Carbon tetrachloride
- \*Chlorinated paraffins, 35-44% chlorine
- Chlorobenzene
- \*Chlorobenzenes (mixed)
- Chlorodifluoroethane
- Chloroform
- \*Chloromethanes
- 2-Chloro-5-methylphenol (6-Chloro-m-cresol)
- \*Chlorophenols

Chloroprene  
Cyanogen chloride  
Cyanuric chloride  
1,1-Dichloroethane  
2,4-Dichlorophenol  
Dichloropropane  
Epichlorohydrin  
Ethyl chloride  
\*Fluorocarbons (Freons)  
Methyl chloride  
Methylene chloride  
Pentachlorophenol  
Phosgene  
Tetrachloroethylene  
1,1,1-Trichloroethane  
Trichloroethylene  
Trichlorofluoromethane  
Vinylidene chloride

5) Other Organic Chemicals

Adiponitrile  
Carbon disulfide  
Fatty nitriles  
\*Organo-tin compounds  
\*Phosphate esters  
Tetraethyl lead  
Tetramethyl lead  
\*Urethane prepolymers  
\*Waxes, emulsions-dispersions

b) Specialized Definitions. None.

c) Existing Sources

- 1) The Board incorporates by reference 40 CFR 414.75 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

d) New Sources

- 1) The Board incorporates by reference 40 CFR 414.76 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 21, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2407 Specialty Organic Chemicals**

- a) **Applicability.** This Section applies to discharges of process wastewater resulting from the manufacture of any SIC 2865 or 2869 organic chemicals and organic chemical groups, as defined in the Standard Industrial Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107, that are not defined as commodity or bulk organic chemicals in Section 307.2405 or 307.2406.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 414.85 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 414.86 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 21, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2410 Indirect Discharge Point Sources**

- a) Applicability. The Board incorporates by reference 40 CFR 414.11 (2005). This incorporation includes no later amendments or editions. This Section applies to the discharge of process wastewater resulting from the manufacture of the OCPSF products and product groups defined by 40 CFR 414.11 from any indirect discharge point source.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 414.111 (2005). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources. All sources are treated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2490 Non-Complexed Metal-Bearing and Cyanide-Bearing Waste Streams**

The Board incorporates by reference 40 CFR 414, Appendix A (2003). This incorporation includes no later amendments or editions.

(Source: Amended at 28 Ill. Reg. 3076, effective February 6, 2004)

### **Section 307.2491 Complexed Metal-Bearing Waste Streams**

The Board incorporates by reference 40 CFR 414, Appendix B (2003). This incorporation includes no later amendments or editions.

(Source: Amended at 28 Ill. Reg. 3076, effective February 6, 2004)

## SUBPART P: NORGANIC CHEMICALS MANUFACTURING

### Section 307.2500 General Provisions

Compliance dates. The Board incorporates by reference 40 CFR 415.01 (1986). This incorporation includes no later amendments or editions.

(Source: Added at 12 Ill. Reg. 2592, effective January 13, 1988)

### **Section 307.2501 Aluminum Chloride Production**

- a) Applicability. This Section applies to discharges resulting from the production of aluminum chloride.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 415.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2502 Aluminum Sulfate Production**

- a) Applicability. This Section applies to discharges resulting from the production of aluminum sulfate.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 415.24 (2003). This incorporation includes no later amendments or editions.

- 2 No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

d) New Sources

- 1) The Board incorporates by reference 40 CFR 415.26 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

**Section 307.2503 Calcium Carbide Production**

- a) Applicability. This Section applies to discharges resulting from the production of calcium carbide in uncovered furnaces.
- b) Specialized Definitions. None.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

**Section 307.2504 Calcium Chloride Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of calcium chloride by the brine extraction process.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.41 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2505 Calcium Oxide Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of calcium oxide.
- b) **Specialized Definitions.** None.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

**Section 307.2506 Chlor-Alkali Process (Chlorine and Sodium or Potassium Hydroxide Production)**

- a) **Applicability.** This Section applies to discharges resulting from the production of chlorine and sodium or potassium hydroxide by the diaphragm cell process or by the mercury cell process.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.61 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 415.64 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

**Section 307.2508 Hydrofluoric Acid Production**



- a) Applicability. This Section applies to discharges resulting from the production of hydrofluoric acid.
- b) Specialized Definitions. None.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.86 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2509 Hydrogen Peroxide Production**

- a) Applicability. This Section applies to discharges resulting from the production of hydrogen peroxide by the electrolytic process or by the oxidation of alkyl hydroanthraquinones.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.91 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2511 Potassium Metal Production**

- a) Applicability. This Section applies to discharges resulting from the production of potassium metal.

- b) Specialized Definitions. None.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.116 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2512 Potassium Dichromate Production**

- a) Applicability. This Section applies to discharges resulting from the production of potassium dichromate.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 415.124 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.126 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2513 Potassium Sulfate Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of potassium sulfate.
- b) **Specialized Definitions.** None.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.136 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2514 Sodium Bicarbonate Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of sodium bicarbonate.
- b) **Specialized Definitions.** None.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.146 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2516 Sodium Chloride Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of sodium chloride by the solution brine-mining process or by the solar evaporation process.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.161 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.166 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2517 Sodium Dichromate and Sodium Sulfate Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of sodium dichromate and by-product sodium sulfate.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.171 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.176 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2520 Sodium Sulfite Production**

- a) Applicability. This Section applies to discharges resulting from the production of sodium sulfite by reacting sulfur dioxide with sodium carbonate.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.201 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.206 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2522 Titanium Dioxide Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of titanium dioxide by the sulfate process, the chloride process, or the simultaneous beneficiation-chlorination (chloride-ilmenite) process.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.221 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.226 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2523 Aluminum Fluoride Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of aluminum fluoride.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.231 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.

- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2524 Ammonium Chloride Production**

- a) Applicability. This Section applies to discharges resulting from the production of ammonium chloride by the reaction of anhydrous ammonia with hydrogen chloride gas or by the recovery process from Solvay process wastes.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.241 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2527 Borax Production**

- a) Applicability. This Section applies to discharges resulting from the production of borax by the ore mining process or by the Trona process.
- b) Specialized Definitions. None.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2528 Boric Acid Production**

- a) Applicability. This Section applies to discharges resulting from the production of boric acid from ore-mined borax or from borax produced by the Trona process.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.281 (2003). This incorporation includes no later amendments or editions.

- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2529 Bromine Production**

- a) Applicability. This Section applies to discharges resulting from the production of bromine by the brine-mining process or by the Trona process.
- b) Specialized Definitions. None.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.296 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2530 Calcium Carbonate Production**

- a) Applicability. This Section applies to discharges resulting from the production of calcium carbonate by the milk of lime process or by the recovery process from Solvay process wastes.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.301 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.



- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2531 Calcium Hydroxide Production**

- a) Applicability. This Section applies to discharges resulting from the production of calcium hydroxide by the lime slaking process.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.311 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.316 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2533 Carbon Monoxide and Byproduct Hydrogen Production**

- a) Applicability. This Section applies to discharges resulting from the production of carbon monoxide and by-product hydrogen by the reforming process.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.331 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.

- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2534 Chrome Pigments Production**

- a) Applicability. This Section applies to discharges resulting from the production of chrome pigments.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.341 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 415.344 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.346 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2535 Chromic Acid Production**

- a) Applicability. This Section applies to discharges resulting from the production of chromic acid in facilities that also manufacture sodium dichromate.
- b) Specialized Definitions. None.

- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.356 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2536 Copper Salts Production**

- a) Applicability. This Section applies to discharges resulting from the production of copper salts, including the following:
  - 1) Copper sulfate, copper chloride, copper iodide, and copper nitrate; and
  - 2) Copper carbonate.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.361 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 415.364 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources

- 1) The Board incorporates by reference 40 CFR 415.366 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2538 Ferric Chloride Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of ferric chloride from pickle liquor.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.381 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 415.384 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.386 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2540 Fluorine Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of fluorine by the liquid hydrofluoric acid electrolysis process.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.401 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.406 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2541 Hydrogen Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of hydrogen as a refinery by-product.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.411 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources.** All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2542 Hydrogen Cyanide Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of hydrogen cyanide by the Andrussow process.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.421 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.426 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2543 Iodine Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of iodine.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.431 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.436 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2544 Lead Monoxide Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of lead monoxide.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.441 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 415.444 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.446 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2545 Lithium Carbonate Production**

- a) Applicability. This Section applies to discharges resulting from the production of lithium carbonate by the Trona process or from spodumene ore.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.451 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2547 Nickel Salts Production**

- a) Applicability. This Section applies to discharges resulting from the production of nickel salts, including the following:
  - 1) Nickel sulfate, nickel chloride, nickel nitrate, and nickel fluoborite; and
  - 2) Nickel carbonate.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.471 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 415.474 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.476 (2003). This incorporation includes no later amendments or editions.



- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2549 Oxygen and Nitrogen Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of oxygen and nitrogen by air liquification.
- b) **Specialized Definitions.** None.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources.** All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2550 Potassium Chloride Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of potassium chloride by the Trona process or by the mining process.
- b) **Specialized Definitions.** None.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.506 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2551 Potassium Iodide Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of potassium iodide.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.511 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and special pretreatment requirements of Subpart B.
- d) **New Sources.** All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2553 Silver Nitrate Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of silver nitrate.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.531 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 415.534 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources.** All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2554 Sodium Bisulfite Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of sodium bisulfite.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.541 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.546 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 24, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2555 Sodium Fluoride Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of sodium fluoride by the anhydrous neutralization process or by the silico-fluoride process.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.551 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 415.554 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.556 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2560 Stannic Oxide Production**

- a) Applicability. This Section applies to discharges resulting from the production of stannic oxide by the reaction of tin metal with air or oxygen.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.601 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.606 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2563 Zinc Sulfate Production**

- a) Applicability. This Section applies to discharges resulting from the production of zinc sulfate.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.631 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.636 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2564 Cadmium Pigments and Salts Production**

- a) Applicability. This Section applies to discharges resulting from the production of cadmium pigments and salts, including cadmium chloride, cadmium nitrate, and cadmium sulfate.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.641 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 415.644 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.646 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2565 Cobalt Salts Production**

- a) Applicability. This Section applies to discharges resulting from the production of cobalt salts.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 415.651 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 415.654 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 415.656 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2566 Sodium Chlorate Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of sodium chlorate.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.661 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 415.666 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2567 Zinc Chloride Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of zinc chloride.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 415.671 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**

- 1) The Board incorporates by reference 40 CFR 415.674 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 415.676 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 25, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART R: SOAP AND DETERGENTS

### **Section 307.2701 Soap Manufacturing by Batch Kettle**

- a) **Applicability.** This Section applies to discharges resulting from operations in which neat soap is produced through saponification of animal and vegetable fats and oils by boiling in kettles.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 417.11 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 417.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.



- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2702 Fatty Acid Manufacturing by Fat Splitting**

- a) **Applicability.** This Section applies to discharges resulting from the splitting of fats to fatty acids by hydrolysis and the subsequent processing of the fatty acids (e.g., refining and hydrogenation) to produce a suitable feed material for the manufacture of soap by fatty acid neutralization.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 417.21 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 417.24 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2703 Soap Manufacturing by Fatty Acid Neutralization**

- a) **Applicability.** This Section applies to discharges resulting from the manufacturing of neat soap by neutralizing refined fatty acids with an alkaline material in approximately stoichiometric amounts in batch or continuous operations.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 417.31 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 417.34 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 417.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2704 Glycerine Concentration**

- a) Applicability. This Section applies to discharges resulting from the concentration of sweet water from saponification or fat splitting to approximately 60 to 80 percent crude glycerine content.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 417.41 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 417.44 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2705 Glycerine Distillation**

- a) Applicability. This Section applies to discharges resulting from the production of finished glycerine of various grades (e.g., USP) through concentration from crude glycerine by means of distillation.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 417.51 (2003). This incorporation includes no later amendments or editions.

- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 417.54 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2706 Manufacture of Soap Flakes and Powders**

- a) Applicability. This Section applies to discharges resulting from all operations associated with the manufacture of soap flakes and powders, commencing with the drying of the neat soap to and including packaging of the finished flakes and powders.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 417.61 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 417.64 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2707 Manufacture of Bar Soaps**

- a) **Applicability.** This Section applies to discharges resulting from all operations associated with the conversion of neat soap to finished bar soaps, including drying, milling, plodding, stamping, and packaging.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 417.71 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 417.74 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.76 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2708 Manufacture of Liquid Soaps**

- a) **Applicability.** This Section applies to discharges resulting from the blending of ingredients employed in the manufacture of liquid soaps and the packaging of the finished products.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 417.81 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 417.84 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 417.86 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2709 Oleum Sulfonation and Sulfation**

- a) Applicability. This Section applies to discharges resulting from the manufacture of sulfonic acid and sulfuric acid esters using sulfonation and sulfation of raw materials, including but not limited to petroleum-derived alkyls, employing oleum in either continuous or batch processes.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 417.91 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 417.94 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.96 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2710 Air-Sulfur Trioxide Sulfation and Sulfonation**

- a) Applicability. This Section applies to discharges resulting from the manufacture of sulfonic acid and sulfuric acid esters by means of sulfation and sulfonation employing air and sulfur trioxide in either continuous or batch processes.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 417.101 (2003). This incorporation includes no later amendments or editions.

- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 417.104 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.106 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2711 Sulfur Trioxide Solvent and Vacuum Sulfonation**

- a) Applicability. This Section applies to discharges resulting from the operations in which undiluted sulfur trioxide and organic reactant are fed through a mixing nozzle into a vacuum reactor where the sulfonation of the organic reactant takes place.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 417.111 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 417.114 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.



- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.116 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2712 Sulfamic Acid Sulfation**

- a) **Applicability.** This Section applies to discharges resulting from operations in which sulfamic acid is employed as the sulfating agent.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 417.121 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 417.124 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.126 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2713 Chlorosulfonic Acid Sulfation**

- a) **Applicability.** This Section applies to discharges resulting from sulfation of alcohols, alkylphenols, and alcohol ethoxylates using chlorosulfonic acid as the sulfating agent.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 417.131 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 417.134 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 417.136 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2714 Neutralization of Sulfuric Acid Esters and Sulfonic Acids**

- a) **Applicability.** This Section applies to discharges resulting from the continuous or batch neutralization of sulfated and sulfonated

alkylbenzenes, alcohols, and other materials to convert them to neutral salts.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 417.141 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 417.144 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.146 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2715 Manufacture of Spray-Dried Detergents**

- a) Applicability. This Section applies to discharges resulting from all operations associated with the manufacture of spray-dried detergents, including but not limited to assembly and storage of raw materials, crutching, spray drying, blending (including tumble spraying or additives), and packaging.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 417.151 (2003). This incorporation includes no later amendments or editions.

- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.156 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2716 Manufacture of Liquid Detergents**

- a) Applicability. This Section applies to discharges resulting from all operations associated with the manufacture of liquid detergents, commencing with the blending of ingredients, to and including bottling or packaging finished products.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 417.161 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.166 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2717 Manufacturing of Detergents by Dry Blending**

- a) **Applicability.** This Section applies to discharges resulting from operations associated with the manufacture of detergents by blending dry ingredients, including blending and subsequent packaging.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 417.171 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 417.176 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2718 Manufacture of Drum-Dried Detergents**

- a) **Applicability.** This Section applies to discharges resulting from operations associated with the manufacture of detergents by drum drying, including drying of formulations on heated drums or rollers, conversion of dried detergents to powders or flakes, and packaging of finished products.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 417.181 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.186 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2719 Manufacture of Detergent Bars and Cakes**

- a) **Applicability.** This Section applies to discharges resulting from operations associated with the manufacture of detergent bars and cakes, including, but not limited to, drying, milling, plodding, stamping, and packaging.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 417.191 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 417.194 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 417.196 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 26, 1973.

**(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)**

#### SUBPART S: FERTILIZER MANUFACTURING

##### **Section 307.2801 Phosphate**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of sulfuric acid by sulfur burning, wet-process phosphoric acid, normal superphosphate, triple superphosphate, and ammonium phosphate.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 418.11 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 418.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 7, 1973.

**(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)**

##### **Section 307.2802 Ammonia**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of ammonia. Discharges attributable to shipping losses and cooling tower blowdown are excluded.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 418.21 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 418.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 7, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2803 Urea**

- a) Applicability. This Section applies to discharges resulting from the manufacture of urea. Discharges attributable to shipping losses and precipitation runoff from outside the battery limits of the urea manufacturing operations and cooling tower blowdown are excluded.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 418.31 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 418.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.



- 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 7, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2804 Ammonium Nitrate**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of ammonium nitrate.
- b) These sources must comply with the general and specific pretreatment requirements of Subpart B.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2805 Nitric Acid**

- a) **Applicability.** This Section applies to discharges resulting from the production of nitric acid in concentrations up to 68 percent. Discharges from shipping losses are excluded.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 418.51 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 418.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 7, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2806 Ammonium Sulfate Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of ammonium sulfate by the synthetic process or by coke oven byproduct recovery. This Section does not apply to ammonium sulfate produced as a byproduct of caprolactam production.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 418.61 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 418.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 7, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2807 Mixed and Blend Fertilizer Production**

- a) **Applicability.** This Section applies to discharges resulting from the production of mixed fertilizer and blend fertilizer.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 418.71 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 418.76 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 7, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART T: PETROLEUM REFINING

### **Section 307.2901 Topping**

- a) **Applicability.** This Section applies to discharges from any facility that produces petroleum products by the use of topping and catalytic reforming, whether or not the facility includes any other process in addition to topping and catalytic reforming. This Section does not apply to facilities that include thermal processes (coking, vis-breaking, etc.) or catalytic cracking.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 419.11 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 419.15 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 419.17 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 21, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2902 Cracking**

- a) **Applicability.** This Section applies to discharges from any facility that produces petroleum products by the use of topping and cracking, whether or not the facility includes any process in addition to topping and cracking. This Section does not apply, however, to facilities that include the processes specified in Sections 307.2903, 307.2904, and 307.2905.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 419.21 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 419.25 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 419.27 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 21, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2903 Petrochemical**

- a) Applicability. This Section applies to discharges from any facility that produces petroleum products by the use of topping, cracking, and petrochemical operations whether or not the facility includes any process in addition to topping, cracking, and petrochemical operations. This Section does not apply, however, to facilities that include the processes specified in Section 307.2904 or 307.2905.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 419.31 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 419.35 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 419.37 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 21, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.2904 Lube**

- a) Applicability. This Section applies to discharges from any facility that produces petroleum products by the use of topping, cracking, and lube oil manufacturing processes, whether or not the facility includes any process in addition to topping, cracking, and lube oil manufacturing processes. The Section does not apply, however, to facilities that include the processes specified in Sections 307.2903 and 307.2905.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 419.41 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 419.45 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 419.47 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 21, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.2905 Integrated**

- a) Applicability. This Section applies to discharges from any facility that produces petroleum products by the use of topping, cracking, lube oil manufacturing processes, and petrochemical operations, whether or not the facility includes any process in addition to topping, cracking, lube oil manufacturing processes, and petrochemical operations.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 419.51 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 419.55 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 419.57 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 21, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## **SUBPART U: IRON AND STEEL MANUFACTURING**

### **Section 307.3000 General Provisions**

- a) Applicability.
  - 1) This Subpart U applies to the introduction of pollutants into a POTW resulting from production operations in the iron and steel category.
  - 2) The Board incorporates by reference 40 CFR 420.01(b) (2002). This incorporation includes no later amendments or editions.
- b) General definitions. The Board incorporates by reference 40 CFR 420.02 (2002), as amended at 67 Fed. Reg. 64216 (October 17, 2002). This incorporation includes no later amendments or editions.
- c) Compliance date. The Board incorporates by reference 40 CFR 420.05 (2002). This incorporation includes no later amendments or editions.
- d) Calculation of pretreatment standards. The Board incorporates by reference 40 CFR 420.04 (2002). This incorporation includes no later amendments or editions.

- e) Non-process wastewater and storm water. The Board incorporates by reference 40 CFR 420.08, as added at 67 Fed. Reg. 64216 (October 17, 2002).
- f) Removal credits for phenols. The control authority may grant removal credits pursuant to Subpart C of 35 Ill. Adm. Code 310 for phenols limited in this Subpart U when used as an indicator or surrogate pollutant.

(Source: Amended at 27 Ill. Reg. 15095, effective September 10, 2003)

### **Section 307.3001 Cokemaking**

- a) **Applicability.** This Section applies to discharges resulting from byproduct and other cokemaking operations.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 420.11 (2005). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 420.15 (2005). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 420.16 (2005), as amended at 70 Fed. Reg. 73623 (December 13, 2005). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 7, 1981.
- e) **Compliance Date.** The Board incorporates by reference 40 CFR 420.18 (2005).



(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3002 Sintering**

- a) **Applicability.** This Section applies to discharges resulting from sintering operations conducted by the heating of iron-bearing wastes (mill scale and dust from blast furnaces and steelmaking furnaces) together with fine iron ore, limestone, and coke fines in an ignition furnace to produce an agglomerate for charging to the blast furnace.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 420.21 (2005).
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 420.25 (2005). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 420.26 (2005), as amended at 70 Fed. Reg. 73623 (December 13, 2005). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 7, 1981.
- e) **Compliance Date.** The Board incorporates by reference 40 CFR 420.28 (2005).
- f) **Point of Compliance Monitoring.** The Board incorporates by reference 40 CFR 420.29(b) (2005).

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3003 Ironmaking**

- a) **Applicability.** This Section applies to discharges resulting from ironmaking operations in which iron ore is reduced to molten iron in a blast furnace.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 420.31 (2002), as amended at 67 Fed. Reg. 64216 (October 17, 2002). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 420.35 (2002), as amended at 67 Fed. Reg. 64216 (October 17, 2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 420.36 (2002), as amended at 67 Fed. Reg. 64216 (October 17, 2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 7, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.3004 Steelmaking**

- a) **Applicability.** This Section applies to discharges resulting from steelmaking operations conducted in basic oxygen or electric arc furnaces.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 420.41 (2002), as amended at 67 Fed. Reg. 64216 (October 17, 2002). This incorporation includes no later amendments or editions.
- c) **Existing Sources.**

- 1) The Board incorporates by reference 40 CFR 420.45 (2002), as amended at 67 Fed. Reg. 64216 (October 17, 2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 420.46 (2002), as amended at 67 Fed. Reg. 64216 (October 17, 2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 7, 1981.
- e) Compliance Date. The Board incorporates by reference 40 CFR 420.48, as added at 67 Fed. Reg. 64216 (October 17, 2002).

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3005 Vacuum Degassing**

- a) Applicability. This Section applies to discharges resulting from vacuum degassing operations conducted by applying a vacuum to molten steel.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 420.55 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 420.56 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 7, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3006 Continuous Casting**

- a) Applicability. This Section applies to discharges resulting from the continuous casting of molten steel into intermediate or semi-finished steel products through water-cooled molds.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 420.65 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 420.66 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 7, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3007 Hot Forming**

- a) **Applicability.** This Section applies to discharges resulting from hot forming operations conducted in primary, section, flat, and pipe and tube mills.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 420.71 (2002). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 420.75 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources.** These sources must comply with the standards for existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3008 Salt Bath Descaling**

- a) **Applicability.** This Section applies to discharges resulting from oxidizing or reducing salt bath descaling operations.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 420.81 (2002). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 420.85 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 420.86 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 7, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3009 Acid Pickling**

- a) Applicability. This Section applies to discharges resulting from sulfuric acid, hydrochloric acid, or combination acid pickling operations.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 420.91 (2002). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 420.95 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 420.96 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 7, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3010 Cold Forming**

- a) **Applicability.** This Section applies to discharges resulting from cold rolling and cold working pipe and tube operations in which unheated steel is passed through rolls or otherwise processed to reduce its thickness, produce a smooth surface, or develop controlled mechanical properties in the steel.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 420.101 (2002). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 420.105 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 420.106 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 7, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3011 Alkaline Cleaning**

- a) **Applicability.** This Section applies to discharges resulting from operations in which steel or steel products are immersed in alkaline cleaning baths to remove mineral or animal fats or oils from the steel, and the rinse operations following that immersion.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 420.111 (2002). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3012 Hot Coating**

- a) Applicability. This Section applies to discharges resulting from operations in which steel is coated with zinc, terne metal, or other metals by the hot-dip process, and the rinsing operations associated with that process.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 420.121 (2002). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 420.125 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 420.126 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 7, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)



### **Section 307.3013 Other Operations**

- a) **Applicability.** This Section applies to discharges resulting from the production of direct-reduced iron and from briquetting and forging operations.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 420.131, as added at 67 Fed. Reg. 64216 (October 17, 2002). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 420.135, as added at 67 Fed. Reg. 64216 (October 17, 2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 420.136, as added at 67 Fed. Reg. 64216 (October 17, 2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 18, 2002.
- e) **Compliance Date.** An existing source must comply with the requirements of this Section by October 17, 2005. A new source must comply with the requirements of this Section on the date it begins discharging.

BOARD NOTE: Subsections (d)(3) and (e) derive from the preamble at 67 Fed. Reg. 64216 (October 17, 2002).

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART V: NONFERROUS METALS MANUFACTURING

### Section 307.3100 General Provisions

- a) **Applicability.** This Subpart V applies to any facility producing primary metals from ore concentrates or recovering secondary metals from recycle wastes that introduces or may introduce pollutants into a POTW. This Subpart V applies only to alloying or casting of hot metal directly from the nonferrous metals manufacturing process without cooling. Remelting followed by alloying or cooling is included in the aluminum forming, nonferrous metals forming, or metal molding and casting categories.
- b) This subsection corresponds to 40 CFR 421.2, marked “reserved” by USEPA. This statement maintains structural consistency with the corresponding federal regulations.
- c) **Monitoring requirements.** The Board incorporates by reference 40 CFR 421.3 (2003). This incorporation includes no later amendments or editions.
- d) **Compliance dates.** The Board incorporates by reference 40 CFR 421.4 (2003). This incorporation includes no later amendments or editions.
- e) **Removal credits.** The control authority may grant removal credits pursuant to 35 Ill. Adm. Code 310.300 et seq. for toxic metals limited in this Subpart V when used as indicator pollutants.

(Source: Amended at 28 Ill. Reg. 3076, effective February 6, 2004)

### **Section 307.3101 Bauxite Refining**

- a) **Applicability.** This Section applies to discharges resulting from the refining of bauxite to alumina by the Bayer process or by the combination process.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.11 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**

- 1) The Board incorporates by reference 40 CFR 421.16 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3102 Primary Aluminum Smelting**

- a) **Applicability.** This Section applies to discharges resulting from the production of aluminum from alumina by the Hall-Herlout process.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.21 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 421.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 17, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3103 Secondary Aluminum Smelting**

- a) **Applicability.** This Section applies to discharges resulting from the recovery, processing, and remelting of aluminum scrap to produce metallic aluminum alloys.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 421.31 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 421.35 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 421.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 17, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3104 Primary Copper Smelting**

- a) Applicability. This Section applies to discharges resulting from the primary smelting of copper from ore or ore concentrates. Primary copper smelting includes, but is not limited to, roasting, converting, leaching if preceded by a pyrometallurgical step, slag granulation and dumping, fire refining, and the casting of products from these operations.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 421.41 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 421.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 17, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3105 Primary Electrolytic Copper Refining**

- a) **Applicability.** This Section applies to discharges resulting from the electrolytic refining of primary copper, including anode casting performed at refineries that are not located on-site with a smelter, product casting, and by-product recovery.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.51 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 421.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 17, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3106 Secondary Copper**

- a) **Applicability.** This Section applies to discharges resulting from the recovery, processing, and remelting of new and used copper scrap and residues to produce copper metal and copper alloys; but does not apply to continuous rod casting.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.61 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 421.65 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 421.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 17, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3107 Primary Lead**

- a) **Applicability.** This Section applies to discharges resulting from the production of lead at primary lead smelters and refineries.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.71 (2003). This incorporation includes no later amendments or editions.

- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 421.75 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 421.76 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 17, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3108 Primary Zinc**

- a) Applicability. This Section applies to discharges resulting from the production of zinc by either electrolytic or pyrolytic means.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 421.81 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 421.85 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources

- 1) The Board incorporates by reference 40 CFR 421.86 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 17, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3109 Metallurgical Acid Plants**

- a) **Applicability.** This Section applies to discharges resulting from or associated with the manufacture of by-product sulfuric acid at primary smelters, primary copper smelters, primary zinc facilities, primary lead facilities, or primary molybdenum facilities, including associated air pollution control or gas-conditioning systems for sulfur dioxide off-gases from pyrometallurgical operations.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.91 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 421.95 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 421.96 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the



discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 17, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3110 Primary Tungsten**

- a) **Applicability.** This Section applies to discharges resulting from the production of tungsten at primary tungsten facilities.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.101 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 421.105 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 421.106 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 17, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3111 Primary Columbium-Tantalum**

- a) Applicability. This Section applies to discharges resulting from the production of columbium or tantalum by primary columbium-tantalum facilities.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 421.111 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 421.115 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 421.116 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 17, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3112 Secondary Silver**

- a) Applicability. This Section applies to discharges resulting from the production of silver from secondary silver facilities processing photographic and nonphotographic raw materials.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 421.121 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources

- 1) The Board incorporates by reference 40 CFR 421.125 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 421.126 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 17, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3113 Secondary Lead**

- a) **Applicability.** This Section applies to discharges resulting from the production of lead by secondary lead facilities.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.131 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 421.135 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**

- 1) The Board incorporates by reference 40 CFR 421.136 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 17, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3114 Primary Antimony**

- a) **Applicability.** This Section applies to discharges resulting from the production of antimony at primary antimony facilities.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.141 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 421.146 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3115 Primary Beryllium**

- a) **Applicability.** This Section applies to discharges resulting from the production of beryllium by primary beryllium facilities processing beryllium ore concentrates or beryllium hydroxide raw materials.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 421.151 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 421.156 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3116 Primary and Secondary Germanium and Gallium**

- a) Applicability. This Section applies to discharges resulting from the production of germanium or gallium from primary or secondary germanium or gallium facilities.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 421.181 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 421.185 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources

- 1) The Board incorporates by reference 40 CFR 421.186 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3117 Secondary Indium**

- a) **Applicability.** This Section applies to discharges resulting from the production of indium at secondary indium facilities processing spent electrolyte solutions and scrap indium raw materials.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.191 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 421.195 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 421.196 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3118 Secondary Mercury**

- a) **Applicability.** This Section applies to discharges resulting from the production of mercury from secondary mercury facilities processing recycled mercuric oxide batteries and other mercury-containing scrap raw materials.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.201 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 421.206 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3119 Primary Molybdenum and Rhenium**

- a) **Applicability.** This Section applies to discharges resulting from the production of molybdenum and rhenium facilities.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.211 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 421.216 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3120 Secondary Molybdenum and Vanadium**

- a) **Applicability.** This Section applies to discharges resulting from the production of molybdenum or vanadium by secondary molybdenum or vanadium facilities.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.221 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 421.226 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3121 Primary Nickel and Cobalt**

- a) **Applicability.** This Section applies to discharges resulting from the production of nickel or cobalt by primary nickel or cobalt facilities processing ore concentrate raw materials.



- b) Specialized Definitions. The Board incorporates by reference 40 CFR 421.231 (2005). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 421.236 (2005). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3122 Secondary Nickel**

- a) Applicability. This Section applies to discharges resulting from the production of nickel by secondary nickel facilities processing slag, spent acids, or scrap metal raw materials.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 421.241 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 421.245 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 421.246 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3123 Primary Precious Metals and Mercury**

- a) **Applicability.** This Section applies to discharges resulting from the production of gold, silver, or mercury by primary precious metals and mercury facilities.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.251 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 421.256 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3124 Secondary Precious Metals**

- a) **Applicability.** This Section applies to discharges resulting from the production of precious metals at secondary precious metals facilities.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 421.261 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 421.265 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 421.266 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3125 Primary Rare Earth Metals**

- a) Applicability. This Section applies to discharges resulting from the production of rare earth metals and mischmetal by primary rare earth metals facilities processing rare earth metal oxides, chlorides, or fluorides.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 421.271 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 421.275 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 421.276 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.3126 Secondary Tantalum**

- a) Applicability. This Section applies to discharges resulting from the production of tantalum at secondary tantalum facilities.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 421.281 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 421.286 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.3127 Secondary Tin**

- a) **Applicability.** This Section applies to discharges resulting from the production of tin at secondary tin facilities using either pyrometallurgical or hydrometallurgical processes to recover tin from secondary materials.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.291 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 421.295 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 421.296 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3128 Primary and Secondary Titanium**

- a) **Applicability.** This Section applies to discharges resulting from the production of titanium at primary or secondary titanium facilities. Facilities that practice only vacuum distillation for sponge purification and which do not practice electrolytic recovery of magnesium are exempt from this Section. All other primary and secondary titanium facilities are covered by this Section.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.301 (2003). This incorporation includes no later amendments or editions.

- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 421.305 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 421.306 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3129 Secondary Tungsten and Cobalt**

- a) Applicability. This Section applies to discharges resulting from the production of tungsten or cobalt at secondary tungsten or cobalt facilities processing tungsten or tungsten carbide raw materials.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 421.311 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 421.315 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 421.316 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3130 Secondary Uranium**

- a) Applicability. This Section applies to discharges resulting from the production of uranium (including depleted uranium) by secondary uranium facilities.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 421.321 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 421.326 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3131 Primary Zirconium and Hafnium**

- a) **Applicability.** This Section applies to discharges resulting from the production of zirconium or hafnium at primary zirconium or hafnium facilities. There are two levels of pretreatment standards for existing and new sources. Facilities that produce zirconium or zirconium/nickel alloys only by magnesium reduction of zirconium dioxide are subject only to Subpart B. All other facilities are subject to this Section.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 421.331 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 421.336 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after June 27, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART X: STEAM ELECTRIC POWER GENERATING

### **Section 307.3301 Steam Electric Power Generating**

- a) **Applicability.** This Section applies to discharges resulting from the operation of a generating unit by an establishment whose generation of electricity is the predominant source of revenue or principal reason for operation, and whose generation of electricity results primarily from a process using 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 (2020), as amended at 85 Fed. Reg. 64650 (Oct. 13, 2020). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 423.13(g)(3)(i) and 423.16 (2020), as amended at 85 Fed. Reg. 64650 (Oct. 13, 2020); 40 CFR 423.13(k)(3) and (o), 423.18, and 423.19, as added at 85 Fed. Reg. 64650 (Oct. 13, 2020); and appendix A to 40 CFR 423 (2020). These incorporations include no later amendments or editions.
    - A) Flue Gas Desulfurization (FGD) Wastewater Discharges by Electric Generating Units (EGUs) Seeking Voluntary Incentives Participation (VIP). The owner or operator of an EGU opting into VIP may seek to operate under alternative standards for discharges of FGD wastewater, as defined in 40 CFR 423.11(n), incorporated by reference in subsection (b), as provided in 40 CFR 423.13(g)(3)(i) after fulfilling the certification requirements in 40 CFR 423.19(a), (b), and (h).

BOARD NOTE: This subsection (c)(1)(A) derives from 40 CFR 423.13(g)(3)(i) and 423.19(h). USEPA calls VIP “Voluntary Incentives Program,” and the Board evokes enough of that name as is evocative but stops short of using the same name. USEPA stated that its Voluntary Incentives Program applies only to direct discharges and is not finalized as to indirect discharges. 85 Fed. Reg. 64650, 64660, 64675 (Oct. 13, 2020). USEPA’s rules, however, expressly contemplate applying its elements to indirect discharges. See 40 CFR 423.19(h)(3).

- B) Flue Gas Desulfurization (FGD) Wastewater Discharges by EGUs Initiating Cessation of Coal Burning. The owner or operator of an EGU that will undergo permanent cessation of coal combustion, as defined in 40 CFR 423.11(w), incorporated by reference in subsection (b), may seek to operate under alternative standards for discharges of FGD wastewater, as defined in 40 CFR 423.11(n), incorporated by reference in subsection (b), as provided in 40 CFR 423.16(e)(1) after fulfilling the certification requirements in 40 CFR 423.19(a), (b), and (f).

BOARD NOTE: This subsection (c)(1)(B) derives from 40 CFR 423.16(e)(1) and 423.19(f).

- C) Notice of Material Delay. An EGU that will undergo permanent cessation of coal combustion or one that opted into VIP under alternative standards under subsection (c)(1)(A) operating under alternative standards under subsection (c)(1)(B) must submit a notice of significant delay as required by 40 CFR 423.19(j).

BOARD NOTE: This subsection (c)(1)(C) derives from 40 CFR 423.19(j).

- D) FGD Wastewater Discharges by Low Utilization EGUs (LUEGUs). The owner or operator of an EGU that qualifies as a LUEGU, as defined in 40 CFR 423.11(z), incorporated by reference in subsection (b), may seek to operate under the alternative standards for discharges of FGD wastewater, as defined in 40 CFR 423.11(n), incorporated by reference in subsection (b), provided in 40 CFR 423.16(e)(2) after fulfilling the certification requirements in 40 CFR 423.19(a), (b), and (e).

BOARD NOTE: This subsection (c)(1)(D) derives from 40 CFR 423.16(e)(2) and 423.19(e).

- E) Bottom Ash (BA) Transport Water Discharges. Discharge of BA transport water, as defined in 40 CFR 423.11(p), incorporated by reference in subsection (b), is prohibited and only allowed as provided in 40 CFR 423.16(g) after complying with the best management practices requirements of 40 CFR 423.13(k)(3) and fulfilling the certification requirements in 40 CFR 423.19(a) through (d).

BOARD NOTE: This subsection (c)(1)(E) derives from 40 CFR 423.13(k)(3), 423.16(g), and 423.19(c) and (d).

- F) EGUs Seeking to Transfer Between Applicable Discharge Limitations. Subject to the limitations in subsection (c)(1)(G), the owner or operator of an EGU may seek to transfer applicable discharge standards, as provided in 40 CFR 423.13(o), after fulfilling the certification requirements in 40 CFR 423.19(a), (b), and (i). The permissible transfers are the following:

- i) Before December 31, 2023, from limitations applicable to an EGU initiating cessation of coal combustion under subsection (c)(1)(B) to those applicable to a LUEGU under subsection (c)(1)(D);
- ii) Before December 31, 2023, from VIP limitations under subsection (c)(1)(A) to those applicable to a LUEGU under subsection (c)(1)(D);
- iii) Before December 31, 2025, from VIP limitations under subsection (c)(1)(A) to those applicable to an EGU initiating cessation of coal combustion under subsection (c)(1)(D);
- iv) Before December 31, 2025, from limitations applicable to an EGU initiating cessation of coal combustion under subsection (c)(1)(B) to VIP limitations under subsection (c)(1)(A);
- v) Before December 31, 2025, from limitations applicable to a LUEGU under subsection (c)(1)(D) to generally applicable limitations for discharges of FGD wastewater and BA transport water under 40 CFR 423.16;
- vi) Before December 31, 2025, from limitations applicable to a LUEGU under subsection (c)(1)(D) to VIP limitations under subsection (c)(1)(A); and
- vii) Before December 31, 2025, from limitations applicable to a LUEGU under subsection (c)(1)(D) to those applicable to an EGU initiating cessation of coal combustion under subsection (c)(1)(B).

BOARD NOTE: This subsection (c)(1)(F) derives from 40 CFR 423.13(o) and 423.19(i). USEPA calls VIP “Voluntary Incentives Program,” and the Board evokes enough of that name as is evocative but stops short of using the same name. USEPA stated that its Voluntary Incentives Program applies only to direct discharges and is not finalized as to indirect discharges. 85 Fed. Reg. 64650, 64708 n. 166 (Oct. 13, 2020). USEPA’s rules, however, expressly contemplate applying its elements to indirect discharges. See 40 CFR 423.19(i)(1).

- G) Conditions for Transfer Between Applicable Discharge Limitations. Conditions apply to transfer between applicable discharge limitations:
- i) An EGU must comply with all currently applicable requirements before filing a notice under 40 CFR 423.19(i) seeking transfer to other applicable discharge limitations, as provided in 40 CFR 423.13(o)(2); and
  - ii) An EGU seeking a transfer described in subsections (c)(1)(F)(iii) through (c)(1)(F)(vii) must comply with more stringent limitations that already apply, instead of the less stringent limitations sought.

BOARD NOTE: This subsection (c)(1)(G) derives from 40 CFR 423.13(o)(2) and (o)(3).

- H) An EGU that would otherwise qualify as a LUEGU or as ceasing combustion of coal before December 31, 2028 will continue to qualify if the conditions in 40 CFR 423.18 are true and after the owner or operator fulfills the certification requirements in 40 CFR 423.19(a), (b), and (g).

BOARD NOTE: This subsection (c)(1)(H) derives from 40 CFR 423.16(e)(1) and (e)(2), 423.18, and 423.19(g). The requirements of 40 CFR 423.18 directly apply to conditions in NPDES permits. The certification requirement of 40 CFR 423.19(g) allows the discharge standards for the LUEGU or EGU ceasing coal combustion subcategory continue to continue to apply to indirect dischargers under the same circumstances and conditions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 423.17 and appendix A to 40 CFR 423 (2020). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 14, 1980.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### SUBPART Y: FERROALLOY MANUFACTURING

##### **Section 307.3401 Open Electric Furnaces With Wet Air Pollution Control Devices**

- a) **Applicability.** This Section applies to discharges resulting from the smelting of ferroalloys in open electric furnaces with wet air pollution control devices. This subcategory includes those electric furnaces of such construction or configuration that the furnace off-gases are burned above the furnace charge level by air drawn into the system. After combustion, the gases are cleaned in a wet air pollution control device, such as a scrubber or an electrostatic precipitator with water or another aqueous spray. The provisions of this Section do not apply to noncontact cooling water or to those electric furnaces that are covered, closed, sealed, or semi-covered and in which the furnace off-gases are not burned before collection (regulated in 35 Ill. Adm. Code 301.3402).
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 424.11 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 424.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 18, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

**Section 307.3402 Covered Electric Furnaces and Other Smelting Operations with Wet Air Pollution Control Devices**

- a) **Applicability.** This Section applies to discharges resulting from the smelting of ferroalloys in covered electric furnaces or other smelting operations, not elsewhere included in this Subpart, with wet air pollution control devices. This subcategory includes electric furnaces of such construction or configuration (known as covered, closed, sealed, semi-covered, or semi-closed furnaces) that the furnace off-gases are not burned before collection and cleaning, and which off-gases are cleaned after collection in a wet air pollution control device such as a scrubber or a "wet" baghouse. This subcategory also includes non-electric furnace smelting operations, such as exothermic (i.e., aluminothermic or silicothermic) smelting or ferromanganese refining, when these are controlled for air pollution by wet air pollution control devices. This subcategory does not include noncontact cooling water or furnaces that use dry dust collection techniques, such as dry baghouses.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 424.21 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 424.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 18, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

**Section 307.3403 Slag Processing**

- a) Applicability. This Section applies to discharges resulting from slag processing in which either of the following occurs:
  - 1) The residual metal values in the furnace slag are recovered via concentration for return to the furnace; or
  - 2) The slag is "shotted" for further use.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 424.31 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 424.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 18, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.3404 Covered Calcium Carbide Furnaces With Wet Air Pollution Control Devices**

- a) Applicability. This Section applies to discharges resulting from the production of calcium carbide in covered electric furnaces that use wet air pollution control devices. This subcategory includes electric furnaces of such construction or configuration (known as covered, closed, sealed, semi-covered, or semi-closed furnaces) that the furnace off-gases are not burned before collection and cleaning, and which off-gases are cleaned after collection in a wet air pollution control device such as a scrubber or "wet" baghouse. This subcategory does not include noncontact cooling water or furnaces that use dry dust collection techniques, such as dry baghouses.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 424.41 (2005). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3405 Other Calcium Carbide Furnaces**

- a) Applicability. This Section applies to discharges resulting from the production of calcium carbide in covered furnaces that do not use wet air pollution control methods. Covered calcium carbide furnaces using wet air pollution control devices are regulated in Section 307.3404. Open (uncovered) calcium carbide furnaces are regulated in Subpart P, Inorganic Chemicals Manufacturing.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 424.51 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3406 Electrolytic Manganese Products**

- a) Applicability. This Section applies to discharges resulting from the manufacture of electrolytic manganese products, such as electrolytic manganese metal or electrolytic manganese dioxide.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 424.61 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources. All sources are regulated as existing sources.



(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3407 Electrolytic Chromium**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of chromium metal by the electrolytic process. It does not apply to the manufacture of chromium metal by aluminothermic or other methods.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 424.71 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources.** All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## **SUBPART Z: LEATHER TANNING AND FINISHING**

### **Section 307.3500 General Provisions**

- a) **Applicability.** This Subpart Z applies to any leather tanning and finishing facility that introduces or may introduce process wastewater pollutants into a POTW.
- b) **General definitions.** The Board incorporates by reference 40 CFR 425.02 (2003). This incorporation includes no later amendments or editions.
- c) **Sulfide analytical method.** The Board incorporates by reference 40 CFR 425.03 (2003). This incorporation includes no later amendments or editions.
- d) **Applicability of sulfide standards.** The Board incorporates by reference 40 CFR 425.04 (2003). This incorporation includes no later amendments or editions.
- e) **Compliance dates.** The Board incorporates by reference 40 CFR 425.05 (2003). This incorporation includes no later amendments or editions.
- f) **Monitoring requirements.** The Board incorporates by reference 40 CFR 425.06 (2003). This incorporation includes no later amendments or editions.

(Source: Amended at 28 Ill. Reg. 3076, effective February 6, 2004)

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

- a) **Applicability.** This Section applies to discharges resulting from any tannery that, either exclusively or in addition to other unhairing and tanning operations, processes raw or cured cattle or cattle-like hides into finished leather by chemically dissolving the hide hair, chrome tanning, and retan-wet finishing.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 425.15 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 425.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 2, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

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

- a) **Applicability.** This Section applies to discharges resulting from any tannery that processes raw or cured cattle or cattle-like hides into finished leather by hair save unhairing, chrome tanning, and retan-wet finishing.
- b) **Specialized Definitions.** None.

- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 425.25 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 425.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 2, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

**Section 307.3503 Hair Save or Pulp, Non-Chrome Tan, Retan-Wet Finish**

- a) Applicability. This Section applies to discharges resulting from any tannery that processes raw or cured cattle or cattle-like hides into finished leather by hair save or pulp unhairing, vegetable tanning, or alum, syntans, oils, and other agents for tanning and retan-wet finishing.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 425.35 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources

- 1) The Board incorporates by reference 40 CFR 425.36 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 2, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3504 Retan-Wet Finish-Sides**

- a) **Applicability.** This Section applies to discharges resulting from any tannery that processes previously tanned hides and skins (grade side only) into finished leather by retan-wet finishing.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 425.45 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 425.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 2, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3505 No Beamhouse**

- a) **Applicability.** This Section applies to discharges resulting from any tannery that processes cattle hides, sheepskins, or splits (hair previously removed and pickled) into finished leather by chrome or non-chrome tanning, and retan-wet finishing.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 425.55 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 425.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 2, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3506 Through-the-Blue**

- a) **Applicability.** This Section applies to discharges resulting from any tannery that processes raw or cured cattle or cattle-like hides through the blue tanned state by hair pulp unhairing and chrome tanning; no retan-wet finishing is performed.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**

- 1) The Board incorporates by reference 40 CFR 425.65 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 425.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) New source means any building, structure, facility, or installation whose construction commenced after July 2, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3507 Shearling**

- a) Applicability. This Section applies to discharges resulting from any tannery that processes raw or cured sheep or sheep-like skins with the wool or hair retained into finished leather by chrome tanning and retan-wet finishing.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 425.75 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 425.76 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 2, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3508 Pigskin**

- a) **Applicability.** This Section applies to discharges resulting from any tannery that processes raw or cured pigskins into finished leather by chemically dissolving or pulping the hair and tanning with chrome, then retan-wet finishing.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 425.85 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 425.86 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) New source means any building, structure, facility, or installation whose construction commenced after July 2, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3509 Retan-Wet Finish-Splits**

- a) **Applicability.** This Section applies to discharges resulting from any tannery that processes previously unhaired and tanned splits into finished leather by retan-wet finishing.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 425.95 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 425.96 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after July 2, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### Section 307.3590 Potassium Ferricyanide Titration Method

The Board incorporates by reference 40 CFR 425, Appendix A, as adopted at 53 Fed. Reg. 9181, March 21, 1988. This incorporation includes no later amendments or editions.

(Source: Added at 13 Ill. Reg. 1794, effective January 31, 1989)

### SUBPART BA: GLASS MANUFACTURING

#### **Section 307.3601 Insulation Fiberglass**



- a) Applicability. This Section applies to discharges resulting from the production of insulation fiberglass in which molten glass is either directly or indirectly made, continuously fiberized, and chemically bonded into a wool-like material.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 426.11 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 426.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 22, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3602 Sheet Glass Manufacturing**

- a) Applicability. This Section applies to discharges resulting from the process in which several mineral ingredients (sand, soda ash, limestone, dolomite, cullet, and other ingredients) are mixed, melted in a furnace, and drawn vertically from a melting tank to form sheet glass.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 426.21 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 426.24 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 426.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 17, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3603 Rolled Glass Manufacturing**

- a) Applicability. This Section applies to discharges resulting from the process in which several mineral ingredients (sand, soda ash, limestone, dolomite, cullet, and other ingredients) are mixed, melted in a furnace, and cooled by rollers to form rolled glass.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 426.31 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 426.34 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 426.36 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 17, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3604 Plate Glass Manufacturing**

- a) **Applicability.** This Section applies to discharges resulting from the process in which several mineral ingredients (sand, soda ash, limestone, dolomite, cullet, and other ingredients) are melted in a furnace, pressed between rollers, and finally ground and polished to form plate glass.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 426.41 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 426.44 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 426.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 17, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3605 Float Glass Manufacturing**

- a) **Applicability.** This Section applies to discharges resulting from the process in which several mineral ingredients (sand, soda ash, limestone, dolomite, cullet, and other ingredients) are mixed, melted in a furnace, and floated on a molten tin bath to produce float glass.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 426.51 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 426.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 17, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3606 Automotive Glass Tempering**

- a) **Applicability.** This Section applies to discharges resulting from the processes in which glass is cut and then passed through a series of processes that grind and polish the edges, bend the glass, and then temper the glass to produce side and back windows for automobiles.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 426.61 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**

- 1) The Board incorporates by reference 40 CFR 426.64 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 426.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 17, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3607 Automotive Glass Laminating**

- a) **Applicability.** This Section applies to discharges resulting from the processes that laminate a plastic sheet between two layers of glass, or that prepare the glass for lamination such as cutting, bending, and washing, to produce automobile windshields.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 426.71 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 426.76 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 17, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3608 Glass Container Manufacturing**

- a) **Applicability.** This Section applies to discharges resulting from the process by which raw materials are melted in a furnace and mechanically processed into glass containers.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 426.81 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 426.86 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 21, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3610 Glass Tubing (Danner) Manufacturing**

- a) **Applicability.** This Section applies to discharges resulting from the process by which raw materials are melted in a furnace and glass tubing is mechanically drawn from the furnace horizontally using the Danner process, which requires the intermittent quenching of cullet.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 426.101 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 426.106 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 21, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3611 Television Picture Tube Envelope Manufacturing**

- a) Applicability. This Section applies to discharges resulting from the process by which raw materials are melted in a furnace and processed into television picture tube envelopes.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 426.111 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 426.116 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 21, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3612 Incandescent Lamp Envelope Manufacturing**

- a) Applicability. This Section applies to discharges resulting from the processes by which either of the following occurs:
  - 1) Raw materials are melted in a furnace and mechanically processed into incandescent lamp envelopes; or
  - 2) Incandescent lamp envelopes are etched with hydrofluoric acid to produce frosted envelopes.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 426.121 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 426.126 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 21, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3613 Hand Pressed and Blown Glass Manufacturing**

- a) Applicability. This Section applies to discharges resulting from the process by which raw materials are melted in a furnace and processed by hand into pressed or blown glassware. This includes plants that:
  - 1) Produce leaded glass using hydrofluoric acid finishing techniques;



- 2) Produce non-leaded glass using hydrofluoric acid finishing techniques; or
  - 3) Produce leaded or non-leaded glass without using hydrofluoric acid finishing techniques.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 426.131 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 426.136 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 21, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART BB: ASBESTOS MANUFACTURING

### **Section 307.3701 Asbestos-Cement Pipe**

- a) Applicability. This Section applies to discharges resulting from the process in which asbestos, Portland cement, silica, and other ingredients are used in the manufacturing of asbestos-cement pipe.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 427.11 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 427.14 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 427.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 30, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3702 Asbestos-Cement Sheet**

- a) **Applicability.** This Section applies to discharges resulting from the process in which asbestos, Portland cement, silica, and other ingredients are used in the manufacturing of asbestos-cement sheets. Discharges resulting from the manufacture of asbestos-cement sheet laboratory tops are specifically excluded from the provisions of this Section.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 427.21 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 427.24 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**

- 1) The Board incorporates by reference 40 CFR 427.26 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 30, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3703 Asbestos Paper (Starch Binder)**

- a) **Applicability.** This Section applies to discharges resulting from the process in which asbestos, starch binders, and other ingredients are used in the manufacture of asbestos paper (starch binder).
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 427.31 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 427.34 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 427.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 30, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.3704 Asbestos Paper (Elastomeric Binder)**

- a) **Applicability.** This Section applies to discharges resulting from the process in which asbestos, elastomeric binder, and other ingredients are used in the manufacture of asbestos paper (elastomeric binder).
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 427.41 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 427.44 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 427.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 30, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.3705 Asbestos Millboard**

- a) **Applicability.** This Section applies to discharges resulting from the process in which asbestos in combination with various other materials

such as cement, starch, clay, lime, and mineral wool is used in the manufacture of asbestos millboard.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 427.51 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 427.54 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 427.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 30, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3706 Asbestos Roofing**

- a) Applicability. This Section applies to discharges resulting from the process in which asbestos paper is saturated with asphalt or coal tar with the subsequent application of various surface treatments to produce asbestos roofing products.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 427.61 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources

- 1) The Board incorporates by reference 40 CFR 427.64 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 427.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 30, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3707 Asbestos Floor Tile**

- a) **Applicability.** This Section applies to discharges resulting from the process in which asbestos, polyvinyl chloride resin, chemical stabilizers, limestone, and other fillers are used in the manufacture of asbestos floor tile.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 427.71 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 427.74 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**

- 1) The Board incorporates by reference 40 CFR 427.76 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 30, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3708 Coating or Finishing of Asbestos Textiles**

- a) **Applicability.** This Section applies to discharges resulting from the process of coating or impregnating asbestos textiles with materials that impart specific desired qualities to the finished product.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 427.81 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 427.86 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 29, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3709 Solvent Recovery**

- a) Applicability. This Section applies to discharges resulting from the process of solvent recovery in the manufacture of asbestos products.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 427.91 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 427.96 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 29, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3710 Vapor Absorption**

- a) Applicability. This Section applies to discharges resulting from the removal of volatilized organic materials from atmospheric emissions using wet scrubbers.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 427.101 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 427.106 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the



discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 29, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3711 Wet Dust Collection**

- a) **Applicability.** This Section applies to discharges resulting from the removal of dust (particulates) from atmospheric emissions using wet scrubbers.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 427.111 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 427.116 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 29, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## **SUBPART BC: RUBBER MANUFACTURING**

### **Section 307.3801 Tire and Inner Tube Plants**

- a) **Applicability.** This Section applies to discharges resulting from the production of pneumatic tires and inner tubes in tire and inner tube plants.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 428.11 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 428.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 18, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.3802 Emulsion Crumb Rubber**

- a) Applicability. This Section applies to discharges resulting from the manufacture of emulsion crumb rubber, other than acrylonitrile-butadiene rubber.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 428.21 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.3803 Solution Crumb Rubber**

- a) Applicability. This Section applies to discharges resulting from the manufacture of crumb rubber.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 428.31 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.3804 Latex Rubber**

- a) Applicability. This Section applies to discharges resulting from the manufacture of latex rubber.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 428.41 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 428.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 18, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.3805 Small-Sized General Molded, Extruded, and Fabricated Rubber Plants**

- a) Applicability. This Section applies to discharges resulting from the production of molded, extruded, or fabricated rubber products, foam rubber backing, rubber cement-dipped goods, or retreaded tires by small-sized plants. Specifically excluded from this Section are discharges

resulting from the production of latex-based products and of tires and inner tubes, and discharges from textile plants subject to Subpart K.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 428.51 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 428.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 18, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

**Section 307.3806 Medium-Sized General Molded, Extruded, and Fabricated Rubber Plants**

- a) Applicability. This Section applies to discharges resulting from the production of molded, extruded, or fabricated rubber products, foam rubber backing, rubber cement-dipped goods, or retreaded tires by medium-sized plants. Specifically excluded from this Section are discharges resulting from the production of latex-based products and of tires and inner tubes, and discharges from textile plants subject to the provisions of Subpart K.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 428.61 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources

- 1) The Board incorporates by reference 40 CFR 428.66 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 18, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3807 Large-Sized General Molded, Extruded, and Fabricated Rubber Plants**

- a) **Applicability.** This Section applies to discharges resulting from the production of molded, extruded, or fabricated rubber products, foam rubber backing, rubber cement-dipped goods, or retreaded tires by large-sized plants. Specifically excluded from this Section are discharges resulting from the production of latex-based products and of tires and inner tubes, and discharges from textile plants subject to Subpart K.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 428.71 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 428.76 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 18, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3808 Wet Digestion Reclaimed Rubber**

- a) **Applicability.** This Section applies to discharges resulting from the production of reclaimed rubber by use of the wet digestion process.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 428.81 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 428.86 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 18, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3809 Pan, Dry Digestion, and Mechanical Reclaimed Rubber**

- a) **Applicability.** This Section applies to discharges resulting from the production of reclaimed rubber, except when produced by the wet digestion process.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 428.91 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 428.96 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 18, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3810 Latex-Dipped, Latex-Extruded, and Latex-Molded Rubber**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of latex-dipped, latex-extruded, or latex-molded products, except for discharges from textile plants subject to Subpart K.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 428.101 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 428.106 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 18, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3811 Latex Foam**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of latex foam, except for discharges from textile plants subject to Subpart K.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 428.111 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 428.116 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after December 18, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART BD: TIMBER PRODUCTS PROCESSING

### Section 307.3900 General Provisions

- a) Applicability. This Subpart BD applies to any timber products processing operation, and any plant producing insulation board with wood as the major raw material, that introduces or may introduce process wastewater pollutants into a POTW.
- b) General definitions. The Board incorporates by reference 40 CFR 429.11 (2004), as amended at 69 Fed. Reg. 45944, 46045 (July 30, 2004). This incorporation includes no later amendments or editions.

(Source: Amended 29 Ill. Reg. 6921, effective April 26, 2005)

### Section 307.3901 Barking

- a) Applicability. This Section applies to discharges resulting from the barking of logs by plants in SIC major group 24 or by plants producing insulation board (SIC group 2661), as defined in the Standard Industrial



Classification Manual, incorporated by reference in 35 Ill. Adm. Code 310.107.

- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 429.25 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 429.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3902 Veneer**

- a) Applicability. This Section applies to discharges resulting from any plant that manufactures veneer and does not store or hold raw materials in wet storage conditions.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 429.35 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 429.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3903 Plywood**

- a) Applicability. This Section applies to discharges resulting from any plywood production plant that does not store or hold raw materials in wet storage conditions.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 429.45 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 429.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.3904 Dry Process Hardboard**

- a) **Applicability.** This Section applies to discharges resulting from any plant that produces hardboard products using the dry matting process for forming the board mat.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 429.55 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 429.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.3905 Wet Process Hardboard**

- a) **Applicability.** This Section applies to discharges resulting from any plant that produces hardboard products using the wet matting process for forming the board mat.

- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 429.65 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 429.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

**Section 307.3906 Wood Preserving—Waterborne or Non-Pressure**

- a) Applicability. This Section applies to discharges resulting from all non-pressure wood preserving treatment processes or all pressure wood preserving treatment processes employing waterborne inorganic salts.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 429.75 (2011). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 429.76 (2011). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3907 Wood Preserving—Steam**

- a) **Applicability.** This Section applies to discharges resulting from wood-preserving processes that use direct steam impingement on wood or the vapor drying process as the predominant conditioning method, direct steam conditioning processes that use the same retort to treat both salt and oil type preservatives, and steam conditioning processes that apply both salt type and oil type preservatives to the same stock.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 429.85 (2011). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 429.86 (2011). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3908 Wood Preserving—Boulton**

- a) **Applicability.** This Section applies to discharges resulting from wood preserving operations that use the Boulton process as the predominant method of conditioning stock.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 429.95 (2011). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 429.96 (2011). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3909 Wet Storage**

- a) Applicability. This Section applies to discharges resulting from the storage of unprocessed wood, i.e., the storage of logs or roundwood before or after removal of bark in self-contained bodies of water (mill ponds or log ponds) or the storage of logs or roundwood on land during which water is sprayed or deposited intentionally on the logs (wet decking).
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 429.105 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 429.106 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3910 Log Washing**

- a) Applicability. This Section applies to discharges resulting from the log washing process in which water under pressure is applied to logs to remove foreign material from the surface of the log before further processing.
- b) Specialized Definitions. None.
- c) Existing Sources

- 1) The Board incorporates by reference 40 CFR 429.115 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 429.116 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3911 Sawmills and Planing Mills**

- a) **Applicability.** This Section applies to discharges resulting from the timber products processing procedures that include all or part of the following operations: bark removal (other than hydraulic barking as defined in Section 307.3901), sawing, resawing, edging, trimming, planing, and machining.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 429.125 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**



- 1) The Board incorporates by reference 40 CFR 429.126 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3912 Finishing**

- a) **Applicability.** This Section applies to discharges resulting from the drying, planing, dipping, staining, end coating, moisture proofing, fabrication, or by-product utilization timber processing operations not otherwise covered by specific guidelines and standards.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 429.135 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 429.136 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3913 Particleboard Manufacturing**

- a) Applicability. This Section applies to discharges resulting from any plant that manufactures particleboard.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 429.145 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 429.146 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.3914 Insulation Board**

- a) Applicability. This Section applies to discharges resulting from plants that produce insulation board using wood as the primary raw material. Specifically excluded from this Section is the manufacture of insulation board from the primary raw material bagasse.
- b) Specialized Definitions. None.
- c) Existing Sources

- 1) The Board incorporates by reference 40 CFR 429.155 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 429.156 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

**Section 307.3915 Wood Furniture and Fixture Production without Water Wash Spray Booths or without Laundry Facilities**

- a) Applicability. This Section applies to discharges resulting from the manufacture of wood furniture and fixtures at the following establishments:
  - 1) Those that do not use water wash spray booths to collect and contain the overspray from spray application of finishing materials; and
  - 2) Those that do not maintain on-site laundry facilities for fabric used in various finishing operations.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 429.165 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 429.166 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

**Section 307.3916 Wood Furniture and Fixture Production with Water Wash Spray Booths or with Laundry Facilities**

- a) Applicability. This Section applies to discharges resulting from the manufacture of wood furniture and fixtures at establishments that do either of the following:
  - 1) Those that use water wash spray booths to collect and contain the overspray from spray application of finishing materials; or
  - 2) Those that use on-site laundry facilities for fabric used in various finishing operations.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 429.175 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 429.176 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 31, 1979.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### 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 (2012). This incorporation includes no later amendments or editions.
- c) **Monitoring requirements.** The Board incorporates by reference 40 CFR 430.02 (2012). This incorporation includes no later amendments or editions.
- d) **Best management practices.** The Board incorporates by reference 40 CFR 430.03 (2012). This incorporation includes no later amendments or editions.

(Source: Amended at 37 Ill. Reg. 1936, effective February 4, 2013)

##### Section 307.4001 Dissolving Kraft

- a) **Applicability.** This Section applies to discharges resulting from the production of dissolving pulp at kraft mills.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 430.11 (2002). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 430.16 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 430.17 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 6, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4002 Bleached Papergrade Kraft and Soda**

- a) Applicability. This Section applies to discharges resulting from: the production of market pulp, the integrated production of paperboard, coarse paper, and tissue paper, the integrated production of pulp and fine papers at bleached kraft mills; and the integrated production of pulp and paper at soda mills.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 430.21 (2002). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 430.26 (2002). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 430.27 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 6, 1981.
- e) Best Management Practices. The Board incorporates by reference 40 CFR 430.28 (2002). This incorporation includes no later amendments or editions.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4003 Unbleached Kraft**

- a) **Applicability.** This Section applies to discharges resulting from: the production of pulp and paper at unbleached kraft mills; the production of pulp and paper at unbleached kraft-neutral sulfite semi-chemical (cross recovery) mills; and the production of pulp and paper at combined unbleached kraft and semi-chemical mills whose spent semi-chemical cooking liquor is burned within the unbleached kraft chemical recovery system.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 430.31 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 430.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 430.37 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 6, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.4004 Dissolving Sulfite**

- a) Applicability. This Section applies to discharges resulting from the production of pulp at dissolving sulfite mills.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 430.41 (2002). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 430.46 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 430.47 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.



- 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 6, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4005 Papergrade Sulfite**

- a) **Applicability.** This Section applies to discharges resulting from: the integrated production of pulp and paper at papergrade sulfite mills where blow pit pulp washing techniques are used; and the integrated production of pulp and paper at papergrade sulfite mills where vacuum or pressure drums are used to wash pulp.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 430.51 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 430.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 430.57 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 6, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4006 Semi-Chemical**

- a) Applicability. This Section applies to discharges resulting from the integrated production of pulp and paper at semi-chemical mills.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 430.61 (2002). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 430.66 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 430.67 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 6, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4007 Mechanical Pulp**

- a) Applicability. This Section applies to discharges resulting from: the production of pulp and paper at groundwood chemi-mechanical mills; the production of pulp and paper at groundwood mills through the application of the thermo-mechanical process; the integrated production of pulp and coarse paper, molded pulp products, and newsprint at groundwood mills; and the integrated production of pulp and fine paper at groundwood mills.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 430.71 (2002). This incorporation includes no later amendments or editions.
- c) Existing Sources

- 1) The Board incorporates by reference 40 CFR 430.76 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 430.77 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 6, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4008 Non-Wood Chemical Pulp**

- a) **Applicability.** This Section applies to discharges resulting from the production of pulp and paper at non-wood chemical pulp mills. This subcategory includes mills producing non-wood pulps from chemical pulping processes such as kraft, sulfite, or soda.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 430.81 (2002). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 430.86 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**

- 1) The Board incorporates by reference 40 CFR 430.87 (2002). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 6, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4009 Secondary Fiber Deink**

- a) **Applicability.** This Section applies to discharges resulting from the integrated production of pulp and paper at deink mills.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 430.91 (2002). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 430.96 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 430.97 (2002). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 6, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4010 Secondary Fiber Non-Deink**

- a) **Applicability.** This Section applies to discharges resulting from the production of: paperboard from wastepaper; tissue paper from wastepaper without deinking at secondary fiber mills; molded products from wastepaper without deinking at secondary fiber mills; and builders' paper and roofing felt from wastepaper.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 430.101 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 430.106 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 430.107 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 6, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4011 Fine and Lightweight Papers from Purchased Pulp**

- a) **Applicability.** This Section applies to discharges resulting from the production of: fine paper at non-integrated mills; and lightweight paper at non-integrated mills.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 430.111 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 430.116 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 430.117 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 6, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.4012 Tissue, Filter, Non-Woven, and Paperboard from Purchased Pulp**

- a) Applicability. This Section applies to discharges resulting from the production of tissue papers at non-integrated mills, filter and non-woven papers at non-integrated mills, and paperboard at non-integrated mills. The production of electrical grades of board and matrix board is not included in this Subpart BE.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 430.121 (2002). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

Section 307.4013      Groundwood-Thermo-Mechanical (Repealed)

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

Section 307.4014      Groundwood-CMN Papers (Repealed)

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

Section 307.4015      Groundwood-Fine Papers (Repealed)

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

Section 307.4016      Soda (Repealed)

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

Section 307.4017      Deink (Repealed)

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

Section 307.4018      Nonintegrated-Fine Papers (Repealed)

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

Section 307.4019      Nonintergrated-Tissue Papers (Repealed)

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

Section 307.4020      Tissue From Wastepaper (Repealed)

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

Section 307.4021      Papergrade Sulfite (Drum Wash) (Repealed)

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

Section 307.4022      Unbleached Kraft and Semi-Chemical (Repealed)

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

Section 307.4023      Wastepaper-Molded Products (Repealed)

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

Section 307.4024 Nonintegrated-Lightweight Papers (Repealed)

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

Section 307.4025 Nonintegrated-Filter and Nonwoven Papers (Repealed)

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

Section 307.4026 Nonintegrated-Paperboard (Repealed)

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

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

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

(Source: Repealed at 23 Ill. Reg. 4413, effective March 31, 1999)

SUBPART BG: MEAT PRODUCTS

**Section 307.4201 Simple Slaughterhouse**

- a) Applicability. This Section applies to discharges resulting from the production of red meat carcasses, in whole or part, by simple slaughterhouses.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 432.11 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 432.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 432.16 (2003). This incorporation includes no later amendments or editions.



- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 29, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4202 Complex Slaughterhouse**

- a) **Applicability.** This Section applies to discharges resulting from the production of red meat carcasses, in whole or part, by complex slaughterhouses.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 432.21 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 432.24 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 432.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 29, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4203 Low-Processing Packinghouse**

- a) **Applicability.** This Section applies to discharges resulting from the production of red meat carcasses in whole or part, by low-processing packinghouses.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 432.31 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 432.34 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 432.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 29, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4204 High-Processing Packinghouse**

- a) **Applicability.** This Section applies to discharges resulting from the production of red meat carcasses, in whole or part, by high-processing packinghouses.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 432.41 (2003). This incorporation includes no later amendments or editions.

- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 432.44 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 432.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after October 29, 1973.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4205 Small Processor**

- a) **Applicability.** This Section applies to discharges resulting from the production of finished meat products such as fresh meat cuts, smoked products, canned products, hams, sausages, luncheon meats, or similar products by a small processor.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 432.51 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 432.56 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 28, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.4206 Meat Cutter**

- a) **Applicability.** This Section applies to discharges resulting from the fabrication or manufacture of fresh meat cuts such as steaks, roasts, chops, etc. by a meat cutter.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 432.61 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 432.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 28, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.4207 Sausage and Luncheon Meats Processor**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of fresh meat cuts, sausage, bologna, and other luncheon meats by a sausage and luncheon meat processor.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 432.71 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 432.76 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 28, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.4208 Ham Processor**

- a) Applicability. This Section applies to discharges resulting from the manufacture of hams alone or in combination with other finished products by a ham processor.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 432.81 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 432.86 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 28, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.4209 Canned Meats Processor**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of canned meats, alone or in combination with any other finished products, by a canned meats processor.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 432.91 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 432.96 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 28, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.4210 Renderer**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of meat meal, dried animal by-product residues (tankage), animal oils, grease, and tallow, perhaps including hide curing, by a renderer.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 432.101 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 432.106 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 28, 1974.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART BH: METAL FINISHING

### **Section 307.4300 General Provisions**

- a) Applicability. Except as provided in subsection (a)(3) or (a)(4), this Subpart BH applies to discharges resulting from plants that perform on any basis material any of the six metal finishing operations listed in subsection (a)(1). If any of those six operations are present, then this Subpart BH applies also to discharges from the forty process operations specified in subsection (a)(2).
  - 1) Six metal finishing operations. Electroplating, electroless plating, anodizing, coating (chromating, phosphating, and coloring), chemical etching and milling, and printed circuit board manufacture.
  - 2) Forty additional process operations. Cleaning, machining, grinding, polishing, tumbling, burnishing, impact deformation, pressure deformation, shearing, heat treating, thermal cutting, welding, brazing, soldering, flame spraying, sandblasting, other abrasive jet machining, electric discharge machining, electrochemical machining, electron beam machining, laser beam machining, plasma arc machining, ultrasonic machining, sintering, laminating, hot-dip coating, sputtering, vapor plating, thermal infusion, salt bath descaling, solvent degreasing, paint stripping, painting, electrostatic painting, electropainting, vacuum metalizing, assembly, calibration, testing, and mechanical plating.

- 3) Exclusions. This Subpart BH does not apply if there are pretreatment standards that are effective and applicable for the following industrial categories:
  - A) Nonferrous metal smelting and refining (Subpart V);
  - B) Coil coating (Subpart CN);
  - C) Porcelain enameling (Subpart CO);
  - D) Battery manufacturing (Subpart CJ);
  - E) Iron and steel (Subpart U);
  - F) Metal casting foundries (Subpart CM);
  - G) Aluminum forming (Subpart CP);
  - H) Copper forming (Subpart CQ);
  - I) Plastic molding and forming (Subpart CL);
  - J) Nonferrous forming (Subpart CT); and
  - K) Electrical and electronic components (Subpart CR).
- 4) This Subpart BH does not apply to the following:
  - A) Metallic platemaking and gravure cylinder preparation conducted within or for printing and publishing facilities; and
  - B) Existing indirect discharging job shops and independent printed circuit board manufacturers that are covered by Subpart N.
- b) General Definitions. The Board incorporates by reference 40 CFR 433.11 (2003). This incorporation includes no later amendments or editions.
- c) Monitoring Requirements. The Board incorporates by reference 40 CFR 433.12 (2003). This incorporation includes no later amendments or editions.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4301 Metal Finishing**



- a) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 433.15 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (a)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  
- b) New Sources
  - 1) The Board incorporates by reference 40 CFR 433.17 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (b)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 31, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## 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).

- 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.
  - 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. 1129, effective January 23, 2017)

### **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”.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART BL: CENTRALIZED WASTE TREATMENT

### **Section 307.4700 General Provisions**

- a) **Applicability**
  - 1) The Board incorporates by reference 40 CFR 437.1 (2003). This incorporation includes no later amendments or editions.
  - 2) This Subpart BL applies to the portion of wastewater discharges from a centralized waste treatment facility resulting from any of the following activities, as defined in the materials incorporated by reference in subsection (a)(1):
    - A) Treatment and recovery of hazardous or non-hazardous industrial metal-bearing wastes, oily wastes, and organic-bearing wastes received from off-site; and
    - B) The treatment of centralized waste treatment wastewater.
- b) **General Definitions.** The Board incorporates by reference 40 CFR 437.2 (2003). This incorporation includes no later amendments or editions.
- c) **General Pretreatment Standards.** Any source subject to this Subpart BL that introduces process wastewater pollutants into a publicly owned treatment works (POTW) must comply with Subpart B of 35 Ill. Adm. Code 307 and 35 Ill. Adm. Code 310.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4701 Metals Treatment and Recovery**

- a) **Applicability.** This Section applies to the portion of the discharge of wastewater from a centralized waste treatment facility resulting from the treatment of, or recovery of metals from, both metal-bearing wastes received from off-site and other centralized waste treatment wastewater associated with the treatment of, or recovery of metal-bearing wastes. The Board incorporates by reference 40 CFR 437.10 (2003). This incorporation includes no later amendments or editions.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**

- 1) The Board incorporates by reference 40 CFR 437.15 (2003), as amended at 68 Fed. Reg. 71014 (December 22, 2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 437.16 (2003), as amended at 68 Fed. Reg. 71014 (December 22, 2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4702 Oils Treatment and Recovery**

- a) **Applicability.** This Section applies to the portion of the discharge of wastewater from a centralized waste treatment facility resulting from the treatment of, or recovery of oil from both oily wastes received from, off-site and other centralized waste treatment wastewater associated with the treatment of, or recovery of, oily wastes. The Board incorporates by reference 40 CFR 437.20 (2003). This incorporation includes no later amendments or editions.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 437.25 (2003), as amended at 68 Fed. Reg. 71014 (December 22, 2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**

- 1) The Board incorporates by reference 40 CFR 437.26 (2003), as amended at 68 Fed. Reg. 71014 (December 22, 2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4703 Organics Treatment and Recovery**

- a) **Applicability.** This Section applies to the portion of the discharge of wastewater from a centralized waste treatment facility resulting from the treatment of, or recovery of organic material from both organic wastes received from, off-site and other centralized waste treatment wastewater associated with the treatment of, or recovery of, organic wastes. The Board incorporates by reference 40 CFR 437.30 (2003). This incorporation includes no later amendments or editions.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 437.35 (2003), as amended at 68 Fed. Reg. 71014 (December 22, 2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources.**
  - 1) The Board incorporates by reference 40 CFR 437.36 (2003), as amended at 68 Fed. Reg. 71014 (December 22, 2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.4704 Multiple Waste Streams**

- a) **Applicability.** Facilities that treat wastes subject to more than one of the previous Sections in this Subpart BL must comply with either the provisions of this Section or the applicable provisions of Section 307.4701, 307.4702, or 307.4703. This Section applies to the portion of the discharge of wastewater from a centralized waste treatment facility resulting from mixing any combination of treated or untreated waste otherwise subject to Section 307.4701, 307.4702, or 307.4703. The Board incorporates by reference 40 CFR 437.40 (2003). This incorporation includes no later amendments or editions.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 437.46 (2003), as amended at 68 Fed. Reg. 71014 (December 22, 2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 437.47 (2003), as amended at 68 Fed. Reg. 71014 (December 22, 2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART BN: PHARMACEUTICAL MANUFACTURING

### Section 307.4900 General Provisions

- a) **Applicability.** This Subpart BN applies to any pharmaceutical manufacturing facility that introduces or may introduce process wastewater pollutants into a POTW. The Board incorporates by reference 40 CFR 439.0 (2004). This incorporation includes no later amendments or editions.
- b) **General definitions.** The Board incorporates by reference 40 CFR 439.1 (2004). This incorporation includes no later amendments or editions.
- c) **Monitoring requirements.** The Board incorporates by reference 40 CFR 439.2 and Appendix A (2004). This incorporation includes no later amendments or editions.
- d) **General pretreatment standards.** The Board incorporates by reference 40 CFR 439.3 (2004). This incorporation includes no later amendments or editions.
- e) **General limitation or standard for pH.** The Board incorporates by reference 40 CFR 439.4 (2004). This incorporation includes no later amendments or editions.

(Source: Amended 29 Ill. Reg. 6921, effective April 26, 2005)

### **Section 307.4901 Fermentation Products**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of pharmaceuticals by fermentation.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 439.11 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 439.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the



discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 439.17 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 26, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.4902 Extraction Products**

- a) Applicability. This Section applies to discharges of wastewater resulting from the manufacture of pharmaceuticals by extraction into the collection system of a POTW.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 439.21 (2004). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 439.26 (2004). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 439.27 (2004). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 26, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4903 Chemical Synthesis Products**

- a) **Applicability.** This Section applies to discharges of wastewater resulting from the manufacture of pharmaceuticals by chemical synthesis into the collection system of a POTW.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 439.31 (2004). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 439.36 (2004). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 439.37 (2004). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 26, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.4904 Mixing/Compounding and Formulation**

- a) Applicability. This Section applies to discharges resulting from mixing/compounding and formulation operations of pharmaceutical products.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 439.41 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 439.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 439.47 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 26, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

Section 307.4905 Research (Repealed)

(Source: Repealed at 23 Ill. Reg. 8421, effective July 12, 1999)

#### SUBPART BP: DENTAL OFFICE

#### **Section 307.5100 Dental Offices**

- a) Applicability.
  - 1) Except as provided in subsections (a)(3), (a)(4), and (a)(5), this Subpart BP applies to dental dischargers.
  - 2) Unless otherwise designated by the control authority, a dental discharger subject to this Subpart BP is not a significant industrial

user, as defined in 35 Ill. Adm. Code 310, and is not a categorical industrial user or industrial user subject to categorical pretreatment standards as a result of applicability of this Subpart BP.

- 3) This Subpart BP does not apply to dental dischargers that exclusively practice one or more of the following dental specialties: oral pathology, oral and maxillofacial radiology, oral and maxillofacial surgery, orthodontics, periodontics, or prosthodontics.
  - 4) This Subpart BP does not apply to wastewater discharges from a mobile unit operated by a dental discharger.
  - 5) This Subpart BP does not apply to dental dischargers that do not discharge any amalgam process wastewater to a POTW, such as dental dischargers that collect all dental amalgam process wastewater for transfer to a centralized waste treatment facility, as defined in 40 CFR 437.2(c).
  - 6) A dental discharger that does not place dental amalgam and does not remove amalgam, except in limited emergency or unplanned, unanticipated circumstances, and which certifies these facts to the control authority, as required in subsection (d), is exempt from any further requirements of this Subpart BP.
- b) **General Definitions.** The Board incorporates by reference 40 CFR 441.20 (2017), as added at 82 Fed. Reg. 30997 (July 5, 2017). This incorporation includes no later amendments or editions.
  - c) **Pretreatment Standards for Existing Sources (PSES).** The Board incorporates by reference 40 CFR 441.30 (2017), as added at 82 Fed. Reg. 30997 (July 5, 2017). This incorporation includes no later amendments or editions.
  - d) **Pretreatment Standards for New Sources (PSNS).** The Board incorporates by reference 40 CFR 441.40 (2017), as added at 82 Fed. Reg. 30997 (July 5, 2017). This incorporation includes no later amendments or editions.
  - e) **Reporting and Recordkeeping Requirements.** The Board incorporates by reference 40 CFR 441.50 (2017), as added at 82 Fed. Reg. 30997 (July 5, 2017). This incorporation includes no later amendments or editions.

**(Source: Added at 42 Ill. Reg. 10676, effective May 29, 2018)**

#### SUBPART BQ: TRANSPORTATION EQUIPMENT CLEANING

##### **Section 307.5200 General Provisions**

- a) Applicability

- 1) The Board incorporates by reference 40 CFR 442.1 (2003). This incorporation includes no later amendments or editions.
  - 2) This Subpart BQ applies to discharges resulting from cleaning the interior of tanks used to transport chemical, petroleum, or food-grade cargos, as defined in the materials incorporated by reference in subsection (a)(1).
- b) General Definitions. The Board incorporates by reference 40 CFR 442.2 (2003). This incorporation includes no later amendments or editions.
  - c) General Pretreatment Standards. Any source subject to this Subpart BQ that introduces process wastewater pollutants into a publicly owned treatment works (POTW) must comply with Subpart B of 35 Ill. Adm. Code 307 and 35 Ill. Adm. Code 310.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.5201 Tank Trucks and Intermodal Tank Containers Transporting Chemical and Petroleum Cargos**

- a) Applicability. This Section applies to discharges of wastewater resulting from the cleaning of tank trucks and intermodal tank containers that have been used to transport chemical or petroleum cargos into the collection system of a POTW.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 442.15 (2004). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 442.16 (2004), as amended at 70 Fed. Reg. 5058 (Feb. 1, 2005). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

**Section 307.5202 Rail Tank Cars Transporting Chemical and Petroleum Cargos**

- a) Applicability. This Section applies to discharges resulting from the cleaning of rail tank cars that have been used to transport chemical or petroleum cargos.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 442.25 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 442.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

**Section 307.5203 Tank Barges and Ocean/Sea Tankers Transporting Chemical and Petroleum Cargos**

- a) Applicability. This Section applies to discharges resulting from the cleaning of tank barges or ocean/sea tankers that have been used to transport chemical or petroleum cargos.
- b) Specialized Definitions. None.
- c) Existing Sources

- 1) The Board incorporates by reference 40 CFR 442.35 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 442.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.5204 Tanks Transporting Food Grade Cargos**

This Section applies to discharges resulting from the cleaning of tank trucks, intermodal tank containers, rail tank cars, tank barges, and ocean/sea tankers that have been used to transport food-grade cargos. If wastewater generated from cleaning tanks used to transport food grade cargos is mixed with wastewater resulting from cleaning tanks used to transport chemical or petroleum cargos, then the combined wastewater is subject to the provisions established for the corresponding tanks in Sections 307.5201, 307.5202, or 307.5203.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

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

### **Section 307.5301 Asphalt Emulsion**

- a) **Applicability.** This Section applies to discharges resulting from the production of asphalt paving and roofing emulsions.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 443.11 (2003). This incorporation includes no later amendments or editions.

- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 443.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 10, 1975.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.5302 Asphalt Concrete**

- a) Applicability. This Section applies to discharges resulting from the production of asphalt concrete.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 443.21 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 443.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 10, 1975.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.5303 Asphalt Roofing**



- a) Applicability. This Section applies to discharges resulting from the production of asphalt roofing materials.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 443.31 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 443.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 10, 1975.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.5304 Linoleum and Printed Asphalt Felt**

- a) Applicability. This Section applies to discharges resulting from the production of linoleum and printed asphalt felt floor coverings.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 443.41 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 443.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 10, 1975.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### SUBPART BS: WASTE COMBUSTORS

##### **Section 307.5401 Commercial Hazardous Waste Combustor**

- a) Applicability
  - 1) The Board incorporates by reference 40 CFR 444.10 (2003). This incorporation includes no later amendments or editions.
  - 2) This Section applies to discharges of wastewater that are associated with Commercial Hazardous Waste Combustor wastewater, as defined in the materials incorporated by reference in subsection (a)(1).
- b) Definitions. The Board incorporates by reference 40 CFR 444.11 (2003). This incorporation includes no later amendments or editions.
- c) Monitoring Requirements. The Board incorporates by reference 40 CFR 444.12 (2003). This incorporation includes no later amendments or editions.
- d) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 444.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- e) New Sources
  - 1) The Board incorporates by reference 40 CFR 444.18 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (e)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART BT: LANDFILLS

### **Section 307.5500 General Provisions**

- a) Applicability
  - 1) The Board incorporates by reference 40 CFR 445.1 (2003). This incorporation includes no later amendments or editions.
  - 2) This Section applies to discharges of wastewater from landfill units, as defined in the materials incorporated by reference in subsection (a)(1).
- b) General Definitions. The Board incorporates by reference 40 CFR 445.2 (2003). This incorporation includes no later amendments or editions.
- c) General Pretreatment Standards. Any source subject to this Section that introduces wastewater pollutants into a publicly owned treatment works (POTW) must comply with Subpart B and 35 Ill. Adm. Code 310.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.5501 RCRA Subtitle C Hazardous Waste Landfill**

- a) Applicability. Except as provided in Section 307.5500, this Section applies to discharges of wastewater from landfills subject to the provisions of Subpart N of 35 Ill. Adm. Code 724 and Subpart N (landfills) of 35 Ill. Adm. Code 725.
- b) Existing Sources. Any source subject to this Section that introduces wastewater pollutants into a publicly owned treatment works (POTW) must comply with Subpart B of 35 Ill. Adm. Code 307 and 35 Ill. Adm. Code 310.
- c) New Sources. Any source subject to this Section that introduces wastewater pollutants into a publicly owned treatment works (POTW) must comply with Subpart B of 35 Ill. Adm. Code 307 and 35 Ill. Adm. Code 310.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.5502 RCRA Subtitle D Non-Hazardous Waste Landfill**

- a) **Applicability.** Except as provided in Section 307.5500, this Section applies to discharges of wastewater from landfills subject to the provisions of 35 Ill. Adm. Code 810 and 811 and 40 CFR 257.
- b) **Existing Sources.** Any source subject to this Section that introduces wastewater pollutants into a publicly owned treatment works (POTW) must comply with Subpart B of 35 Ill. Adm. Code 307 and 35 Ill. Adm. Code 310.
- c) **New Sources.** Any source subject to this Section that introduces wastewater pollutants into a publicly owned treatment works (POTW) must comply with Subpart B of 35 Ill. Adm. Code 307 and 35 Ill. Adm. Code 310.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **SUBPART BU: PAINT FORMULATING**

#### **Section 307.5601 Oil-Base Solvent Wash Paint**

- a) **Applicability.** This Section applies to discharges resulting from the production of oil-base paint where the tank cleaning is performed using solvents.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 446.11 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources.**
  - 1) The Board incorporates by reference 40 CFR 446.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 26, 1975.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### SUBPART BV: INK FORMULATING

##### **Section 307.5701 Oil-Base Solvent Wash Ink**

- a) **Applicability.** This Section applies to discharges resulting from the production of oil-base ink where the tank washing system uses solvents.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 447.11 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 447.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 26, 1975.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### SUBPART CD: PESTICIDE CHEMICALS

##### Section 307.6500 General Provisions

- a) **General definitions.** The Board incorporates by reference 40 CFR 455.10 (2003). This incorporation includes no later amendments or editions.
- b) **Compliance date.** The Board incorporates by reference 40 CFR 455.11 (2003). This incorporation includes no later amendments or editions.

(Source: Amended at 28 Ill. Reg. 3076, effective February 6, 2004)

### **Section 307.6501 Organic Pesticide Chemicals Manufacturing**

- a) Applicability
  - 1) The Board incorporates by reference 40 CFR 455.20 (2003). This incorporation includes no later amendments or editions.
  - 2) This Section applies to discharges resulting from any plant that manufactures organic pesticide chemicals, as defined in the materials incorporated by reference in subsection (a)(1).
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 455.21 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 455.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 455.27 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.6502 Metallo-Organic Pesticides Chemicals Manufacturing**

- a) Applicability. This Section applies to discharges resulting from the manufacture of metallo-organic active ingredients containing mercury, cadmium, arsenic, or copper. The manufacture of the intermediates used to manufacture the active ingredients is excluded from this Section.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 455.31 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B
- d) New Sources. All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.6503 Pesticide Chemicals Formulating and Packaging**

- a) Applicability
  - 1) The Board incorporates by reference 40 CFR 455.40 (2005). This incorporation includes no later amendments or additions.
  - 2) This Section applies to discharges resulting from all pesticide formulating and packaging operations, as defined in the materials incorporated in subsection (a)(1).
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 455.41 (2005). This incorporation includes no later amendments or additions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 455.46 (2005). This incorporation includes no later amendments or additions.
  - 2) No person subject to the pretreatment standards incorporated by reference in section subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 455.47 (2005). This incorporation includes no later amendments or additions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

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

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

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

- a) Applicability
  - 1) The Board incorporates by reference 40 CFR 455.60 (2005). This incorporation includes no later amendments or additions.
  - 2) This Section applies to discharges resulting from all pesticide formulating and packaging operations, as defined in the materials incorporated in subsection (a)(1).
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 455.61 (2005). This incorporation includes no later amendments or additions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 455.66 (2005). This incorporation includes no later amendments or additions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 455.67 (2005). This incorporation includes no later amendments or additions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) New source means any building, structure, facility, or installation whose construction commenced after April 14, 1994.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)



## SUBPART CG: CARBON BLACK MANUFACTURING

### **Section 307.6801 Carbon Black Furnace Process**

- a) Applicability. This Section applies to discharges resulting from the production of carbon black by the furnace process.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 458.11 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 458.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after May 18, 1976.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.6802 Carbon Black Thermal Process**

- a) Applicability. This Section applies to discharges resulting from the production of carbon black by the thermal process.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 458.21 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources

- 1) The Board incorporates by reference 40 CFR 458.26 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after May 18, 1976.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.6803 Carbon Black Channel Process**

- a) **Applicability.** This Section applies to discharges resulting from the production of carbon black by the channel process.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 458.31 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources.**
  - 1) The Board incorporates by reference 40 CFR 458.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after May 18, 1976.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.6804 Carbon Black Lamp Process**

- a) **Applicability.** This Section applies to discharges resulting from the production of carbon black by the lamp process.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 458.41 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 458.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after May 18, 1976.

**(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)**

#### SUBPART CJ: BATTERY MANUFACTURING

##### **Section 307.7100 General Provisions**

- a) Applicability. This Subpart CJ applies to any battery manufacturing plant that introduces or may introduce process wastewater pollutants into a POTW. Battery manufacturing operations regulated under this Subpart CJ are not subject to Subpart N or AH.
- b) General Definitions. The Board incorporates by reference 40 CFR 461.2 (2003). This incorporation includes no later amendments or editions.
- c) Monitoring Requirements. The Board incorporates by reference 40 CFR 461.3 (2003). This incorporation includes no later amendments or editions.
- d) Compliance Dates. The Board incorporates by reference 40 CFR 461.4 (2003). This incorporation includes no later amendments or editions.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

##### **Section 307.7101 Cadmium**

- a) Applicability. This Section applies to discharges resulting from the manufacturing of cadmium anode batteries.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 461.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 461.15 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 10, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7102 Calcium**

- a) Applicability. This Section applies to discharges resulting from manufacturing calcium anode batteries.
- b) Specialized Definitions. None.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 461.25 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 10, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7103 Lead**

- a) **Applicability.** This Section applies to discharges resulting from the manufacturing of lead anode batteries.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 461.34 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 461.35 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 10, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7104 Leclanche**

- a) Applicability. This Section applies to discharges resulting from manufacturing Leclanche-type batteries (zinc anode batteries with acid electrolyte).
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 461.44 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 461.45 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 10, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7105 Lithium**

- a) Applicability. This Section applies to discharges resulting from the manufacturing of lithium anode batteries.
- b) Specialized Definitions. None.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 461.55 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 10, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7106 Magnesium**

- a) **Applicability.** This Section applies to discharges resulting from the manufacturing of magnesium anode batteries.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 461.64 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 461.65 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 10, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7107 Zinc**

- a) Applicability. This Section applies to discharges resulting from the manufacturing of zinc anode batteries.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 461.74 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 461.75 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 10, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### SUBPART CL: PLASTICS MOLDING AND FORMING

##### **Section 307.7300 General Provisions**

- a) Applicability
  - 1) This Subpart CL applies to any plastics molding and forming process that introduces or may introduce process wastewater pollutants into a POTW. Plastics molding and forming processes include processes that blend, mold, form, or otherwise process plastic materials into intermediate or final plastic products. They include commonly recognized processes such as extrusion,



molding, coating and laminating, thermoforming, calendaring, casting, foaming, cleaning, and finishing.

- 2) Plastics molding and forming processes (e.g., extrusion and pelletizing) used by plastics resin manufacturers to process crude intermediate plastic material for shipment off-site are excluded from this Subpart and regulated under the organic chemicals, plastics, and synthetic fibers category. Plastics molding and forming processes used by plastic resin manufacturers to process crude intermediate plastic materials, which are further processed on-site into intermediate or final plastics products in molding and forming processes, are controlled by this Subpart CL.
- 3) Processes that coat a plastic material onto a substrate may fall within the definition of electroplating and metal finished as defined in Subpart N or AH. These coating processes are excluded from the electroplating and metal finishing point source categories and are subject to this Subpart CL.
- 4) Coating of plastic material onto a formed metal substrate is also covered by this Subpart and is not covered by the specific metal forming rules such as aluminum forming, copper forming and nonferrous metals forming, (Subparts CP, CQ, and CT, respectively). This Subpart CL applies only to the coating process; the metal forming operations are subject to the specific metal forming rules.
- 5) Research and development laboratories that produce plastic products using a plastics molding and forming process are subject to this Subpart CL if the plastics molding and forming process discharges process water. The mass of plastic product produced in the plastics molding and forming process is not considered when determining the applicability of this Subpart CL to plastics molding and forming processes at research and development laboratories.
- 6) Chemical and thermal reticulation processes for polyurethane foam are not subject to this Subpart CL. Water used in those processes is not considered to be process water as defined in 40 CFR 463.2 (2003), incorporated by reference in subsection (b). Processes used to further mold or form the reticulated foam are subject, however, to this Subpart if they discharge process water.
- 7) Processes used to regenerate cellulose and to produce a product (e.g., rayon) from the regenerated cellulose are not subject to the limitations and standards in this Subpart. Processes that mold or

form cellulose derivatives (e.g., cellulose acetate) are subject to this Subpart CL if they discharge process water.

- b) General Definitions. The Board incorporates by reference 40 CFR 463.2 (2003). This incorporation includes no later amendments or editions.
- c) Monitoring Requirements. The Board incorporates by reference 40 CFR 463.3 (2003). This incorporation includes no later amendments or editions.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7301 Contact Cooling and Heating Water**

- a) Applicability. This Section applies to the introduction into POTWs of pollutants resulting from processes in the contact cooling and heating water subcategory. Processes in the contact cooling and heating water subcategory are processes where process water comes in contact with plastic materials or plastic products for the purpose of heat transfer during plastics molding and forming.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 463.11 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 463.15 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 463.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 15, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7302 Cleaning Water**

- a) **Applicability.** This Section applies to the introduction into POTWs of pollutants resulting from processes in the cleaning water subcategory. Processes in the cleaning water subcategory are processes where water comes in contact with the plastic product for the purpose of cleaning the surface of the product and where water comes in contact with shaping equipment, such as molds and mandrels, that contact the plastic material for the purpose of cleaning the equipment surfaces.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 463.21 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 463.25 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 463.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 15, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## Section 307.7303 Finishing Water

- a) **Applicability.** This Section applies to the introduction into POTWs of pollutants resulting from processes in the finishing water subcategory. Processes in the finishing water subcategory are processes where water comes in contact with the plastic product during finishing.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 463.31 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 463.35 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 463.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after February 15, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART CM: METAL MOLDING AND CASTING

### Section 307.7400 General Provisions

- a) **Applicability.** This Subpart CM applies to metal molding and casting facilities that introduce or may introduce process wastewater pollutants into a POTW.

- b) General definitions. The Board incorporates by reference 40 CFR 464.02 (2003). This incorporation includes no later amendments or editions.
- c) Monitoring requirements. The Board incorporates by reference 40 CFR 464.03 (2003). This incorporation includes no later amendments or editions.
- d) Compliance dates. The Board incorporates by reference 40 CFR 464.04 (2003). This incorporation includes no later amendments or editions.

(Source: Amended at 28 Ill. Reg. 3076, effective February 6, 2004)

## SUBPART CM: METAL MOLDING AND CASTING

### **Section 307.7401 Aluminum Casting**

- a) Applicability. This Section applies to discharges resulting from aluminum casting operations, as defined in 40 CFR 464.02, incorporated by reference in Section 307.7400(b).
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 464.11 (2005). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 464.15 (2005). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 464.16 (2005). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 15, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7402 Copper Casting**

- a) **Applicability.** This Section applies to discharges resulting from copper casting operations.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 464.21 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 464.25 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 464.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 15, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7403 Ferrous Casting**

- a) **Applicability.** This Section applies to discharges resulting from ferrous casting operations.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 464.31 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 464.35 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 464.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 15, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7404 Zinc Casting**

- a) Applicability. This Section applies to discharges resulting from zinc casting operations.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 464.41 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 464.45 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 464.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 15, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### SUBPART CN: COIL COATING

##### **Section 307.7500 General Provisions**

- a) Applicability. This Subpart CN applies to any coil coating facility or to any canmaking facility that introduces or may introduce process wastewater pollutants into a POTW.
- b) General definitions. The Board incorporates by reference 40 CFR 465.02 (2007). This incorporation includes no later amendments or editions.
- c) Monitoring requirements. The Board incorporates by reference 40 CFR 465.03 (2007). This incorporation includes no later amendments or editions.
- d) Compliance dates. The Board incorporates by reference 40 CFR 465.04 (2007). This incorporation includes no later amendments or editions.

(Source: Amended at 32 Ill. Reg. 18986, effective November 26, 2008))

##### **Section 307.7501 Steel Basis Material**

- a) Applicability. This Section applies to discharges resulting from coil coating of steel basis material coils.



- b) Specialized definitions. None.
- c) Existing sources.
  - 1) The Board incorporates by reference 40 CFR 465.14 (2003). 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 465.15 (2003). 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 January 12, 1981.

(Source: Amended at 28 Ill. Reg. 3076, effective February 6, 2004)

Section 307.7502 Galvanized Basis Material

- a) Applicability. This Section applies to discharges resulting from coil coating of galvanized basis material coils.
- b) Specialized definitions. None.
- c) Existing sources.
  - 1) The Board incorporates by reference 40 CFR 465.24 (2003). 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 465.25 (2003). 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 January 12, 1981.

(Source: Amended at 28 Ill. Reg. 3076, effective February 6, 2004)

Section 307.7503 Aluminum Basis Material

- a) Applicability. This Section applies to discharges resulting from coil coating of aluminum basis material coils.
- b) Specialized definitions. None.
- c) Existing sources.
  - 1) The Board incorporates by reference 40 CFR 465.34 (2003). 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 465.35 (2003). 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 January 12, 1981.

(Source: Amended at 28 Ill. Reg. 3076, effective February 6, 2004)

Section 307.7504 Canmaking

- a) **Applicability.** This Section applies to discharges resulting from the manufacturing of seamless can bodies, which are washed.
- b) **Specialized definitions.** None.
- c) **Existing sources.**
  - 1) The Board incorporates by reference 40 CFR 465.44 (2003). 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 465.45 (2003). 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 February 10, 1983.

(Source: Amended at 28 Ill. Reg. 3076, effective February 6, 2004)

SUBPART CO: PORCELAIN ENAMELING

**Section 307.7600 General Provisions**

- a) **Applicability**

- 1) Except as provided in subsection (a)(2) or (a)(3), this Subpart CO applies to any porcelain enameling facility that introduces or may introduce process wastewater pollutants into a POTW.
  - 2) Any existing porcelain enameling facility that prepares or coats less than 1600 square meters per day and which introduces less than 60,000 liters per day of wastewater into a POTW is not controlled by the pretreatment standards for existing sources in this Subpart. These sources must comply with the general and specific pretreatment requirements of Subpart B.
  - 3) This Subpart CO does not apply to porcelain enameling on precious metal basis material.
- b) General Definitions. The Board incorporates by reference 40 CFR 466.02 (2003). This incorporation includes no later amendments or editions.
  - c) Monitoring Requirements. The Board incorporates by reference 40 CFR 466.03 (2003). This incorporation includes no later amendments or editions.
  - d) Compliance Dates. The Board incorporates by reference 40 CFR 466.04 (2003). This incorporation includes no later amendments or editions.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7601 Steel Basis Material**

- a) Applicability. This Section applies to discharges resulting from porcelain enameling on steel basis materials.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 466.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources

- 1) The Board incorporates by reference 40 CFR 466.15 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 27, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7602 Cast Iron Basis Material**

- a) Applicability. This Section applies to discharges resulting from porcelain enameling of cast iron basis materials.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 466.24 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 466.25 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 27, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7603 Aluminum Basis Material**

- a) Applicability. This Section applies to discharges resulting from porcelain enameling of aluminum basis materials.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 466.34 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 466.35 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 27, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7604 Copper Basis Material**

- a) Applicability. This Section applies to discharges resulting from porcelain enameling of copper basis materials.
- b) Specialized Definitions. None.
- c) Existing Sources. These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 466.45 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after January 27, 1981.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### SUBPART CP: ALUMINUM FORMING

##### **Section 307.7700 General Provisions**

- a) Applicability
  - 1) Aluminum forming includes commonly recognized forming operations such as rolling, drawing, extruding, and forging, and related operations such as heat treatment, casting, and surface treatments. Surface treatment of aluminum is any chemical or electrochemical treatment applied to the surface of the aluminum. Such surface treatment is considered to be a part of aluminum forming whenever it is performed as an integral part of aluminum forming. For this Subpart CP, surface treatment of aluminum is considered to be an integral part of aluminum forming whenever it is performed at the same plant site at which aluminum is formed and such operations are not considered for regulation under the electroplating and metal finishing provisions of Subparts N and AH. Casting aluminum when performed as an integral part of aluminum forming and located on-site at an aluminum forming plant is considered an aluminum forming operation and is covered under this Subpart CP. When aluminum forming is performed on the same site as primary aluminum reduction the casting must be regulated by Subpart CT (nonferrous metals) if there is no cooling of the aluminum before casting. If the aluminum is cooled before casting, then the casting must be regulated by this Subpart CP.
  - 2) This Subpart CP applies to any aluminum forming facility, except for plants identified under subsection (a)(3), that introduces or may introduce pollutants into a POTW.
  - 3) This Subpart CP applies to indirect discharging aluminum forming plants that extrude less than three million pounds of product per year and draw, with emulsions or soaps, less than one million pounds per year.

- b) General Definitions. The Board incorporates by reference 40 CFR 467.02 (2003). This incorporation includes no later amendments or editions.
- c) Monitoring Requirements. The Board incorporates by reference 40 CFR 467.03 (2003). This incorporation includes no later amendments or editions.
- d) Compliance Dates. The Board incorporates by reference 40 CFR 467.04 (2003). This incorporation includes no later amendments or editions.
- e) Removal Credits. The control authority may grant removal credits under Subpart C of 35 Ill. Adm. Code 310 for toxic metals limited in this Subpart CP when used as indicator pollutants.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7701 Rolling With Neat Oils**

- a) Applicability. This Section applies to discharges resulting from the core and the ancillary operations of the rolling with neat oils subcategory.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 467.11 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 467.15 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 467.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.



- 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 22, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7702 Rolling With Emulsions**

- a) **Applicability.** This Section applies to discharges resulting from the core and the ancillary operations of the rolling with emulsions subcategory.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 467.21 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 467.25 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 467.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 22, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7703 Extrusion**

- a) **Applicability.** This Section applies to discharges resulting from the core and the ancillary operations of the extrusion subcategory.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 467.31 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 467.35 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 467.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 22, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7704 Forging**

- a) Applicability. This Section applies to discharges resulting from the core of the forging subcategory and the ancillary operations.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 467.41 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 467.45 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 467.46 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 22, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### **Section 307.7705 Drawing With Neat Oils**

- a) Applicability. This Section applies to discharges resulting from the core of the drawing with neat oils subcategory and the ancillary operations.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 467.51 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 467.55 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 467.56 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 22, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7706 Drawing With Emulsions or Soaps**

- a) **Applicability.** This Section applies to discharges resulting from the core and the ancillary operations of the drawing with emulsions or soaps subcategory.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 467.61 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 467.65 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 467.66 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 22, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART CQ: COPPER FORMING

### Section 307.7800 General Provisions

- a) Applicability
  - 1) This Subpart CQ applies to discharges resulting from the manufacture of formed copper and copper alloy products. The forming operations covered are hot rolling, cold rolling, drawing, extrusion, and forging. This Subpart CQ does not regulate the forming of precious metals. (See Subpart CT.) The casting of copper and copper alloys is not covered by this Subpart CQ. (See Subpart CM.)
  - 2) The discharge allowance for drawing spent lubricant of 40 CFR 468.14(c) and 468.15(c), incorporated by reference in Section 307.7801(d)(1), applies only to those plants that actually discharge the drawing spent lubricant waste stream at copper forming sites. No discharge allowance is applicable or allowable when these wastewaters are hauled off-site for disposal or are otherwise not discharged at copper forming sites.
- b) General Definitions. The Board incorporates by reference 40 CFR 468.02 (2003). This incorporation includes no later amendments or editions.
- c) Monitoring Requirements. The Board incorporates by reference 40 CFR 468.03 (2003). This incorporation includes no later amendments or editions.
- d) Compliance Dates. The Board incorporates by reference 40 CFR 468.04 (2003). This incorporation includes no later amendments or editions.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### Section 307.7801 Copper Forming

- a) Applicability. This Section applies to discharges resulting from the forming of copper and copper alloys except beryllium copper alloys.
- b) Specialized Definitions. None.
- c) Existing Sources

- 1) The Board incorporates by reference 40 CFR 468.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 468.15 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after November 12, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7802 Beryllium Copper Forming**

- a) **Applicability.** This Section applies to discharges resulting from the forming of beryllium copper alloys.
- b) **Specialized Definitions.** None.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources.** All sources are regulated as existing sources.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## **SUBPART CR: ELECTRICAL AND ELECTRONIC COMPONENTS**

### **Section 307.7901 Semiconductor**

- a) **Applicability.** This Section applies to discharges resulting from all process operations associated with the manufacture of semiconductors, except sputtering, vapor deposition, and electroplating.

- b) Specialized Definitions. The Board incorporates by reference 40 CFR 469.12 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 469.16 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 469.18 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 8, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7902 Electronic Crystals**

- a) Applicability. This Section applies to discharges resulting from the manufacture of electronic crystals.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 469.22 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 469.26 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 469.28 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after August 8, 1982.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7903 Cathode Ray Tube**

- a) Applicability. This Section applies to discharges resulting from the manufacture of cathode ray tubes.
- b) Specialized Definitions. The Board incorporates by reference 40 CFR 469.31 (2003). This incorporation includes no later amendments or editions.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 469.34 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 469.36 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.



- 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 9, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.7904 Luminescent Materials**

- a) **Applicability.** This Section applies to discharges resulting from the manufacture of luminescent materials.
- b) **Specialized Definitions.** The Board incorporates by reference 40 CFR 469.41 (2003). This incorporation includes no later amendments or editions.
- c) **Existing Sources.** These sources must comply with the general and specific pretreatment requirements of Subpart B.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 469.43 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 9, 1983.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

## SUBPART CT: NONFERROUS METALS FORMING AND METAL POWDERS

### **Section 307.8100 General Provisions**

- a) **Applicability**
  - 1) This Subpart CT applies to the introduction of pollutants into a POTW from the forming of nonferrous metals (including nonferrous metal alloys), except beryllium, copper, and aluminum, and their alloys. Aluminum alloys are defined as any alloy in which aluminum is the major constituent in percent by weight.

Copper alloys are defined as any alloy in which copper is the major constituent in percent by weight except when copper is alloyed with precious metals. Any copper-precious metal alloy containing 30 percent or greater precious metal is considered a precious metal alloy for this Subpart CT. Beryllium alloys are any alloy in which beryllium is present at 0.1 percent or greater. This Subpart CT applies to the following:

- A) Forming operations, including rolling (both hot and cold), extruding forging, drawing, swaging, cladding, and tube reducing, and
  - B) Ancillary operations performed as an integral part of the forming of these metals, including casting for subsequent forming, heat treatment, surface treatment, alkaline cleaning, solvent degreasing, product testing, surface coating, sawing, grinding, tumbling, burnishing, and wet air pollution control.
- 2) This Subpart CT also applies to the introduction of pollutants into a POTW from mechanical metal powder production operations, the forming of parts from metal powders, and associated ancillary operations of the following:
- A) Iron, copper, and aluminum and their alloys; and
  - B) The nonferrous metal and their alloys described in subsection (a)(1). This Subpart CT does not regulate the production of metal powders by chemical means such as precipitation. The production of metal powder as the final step in refining metal is regulated under nonferrous metals manufacturing, Subpart V.
- 3) Surface treatment includes any chemical or electrochemical treatment applied to the surface of the metal. For this Subpart CT, surface treatment of metals is considered to be an integral part of the forming of metals whenever it is performed at the same plant site at which the metals are formed. These surface treatment operations are not regulated under the electroplating or metal finishing rules in Subpart N or AH.
- 4) Casting is covered by this Subpart CT when it is performed as an integral part of the metal forming process and takes place at the same plant site at which metals are formed. Such casting is not regulated under the provisions of metal molding and casting (Subpart CM).

- 5) This Subpart CT does not apply to the forming of the metals cadmium, chromium, gallium, germanium, indium, lithium, manganese, neodymium, or praseodymium.
- b) General Definitions. The Board incorporates by reference 40 CFR 471.02 (2003). This incorporation includes no later amendments or editions.
- c) Compliance Dates. The Board incorporates by reference 40 CFR 471.03 (2003). This incorporation includes no later amendments or editions.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.8101 Lead-Tin-Bismuth Forming**

- a) Applicability. This Section applies to discharges resulting from the process operations of the lead-tin bismuth forming subcategory.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 471.14 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 471.15 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 5, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.8102 Magnesium Forming**

- a) Applicability. This Section applies to discharges resulting from the process operations of the magnesium forming subcategory.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 471.24 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 471.25 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 5, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.8103 Nickel-Cobalt Forming**

- a) Applicability. This Section applies to discharges resulting from the process operations of the nickel-cobalt forming subcategory.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 471.34 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the

discharge of any contaminant to a POTW in violation of those standards.

- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 471.35 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 5, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.8104 Precious Metals Forming**

- a) Applicability. This Section applies to discharges resulting from the process operations of the precious metals forming subcategory.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 471.44 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 471.45 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.

- 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 5, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.8105 Refractory Metals Forming**

- a) **Applicability.** This Section applies to discharges resulting from the process operations of the refractory metals forming subcategory.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 471.54 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 471.55 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 5, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.8106 Titanium Forming**

- a) **Applicability.** This Section applies to discharges resulting from the process operations of the titanium forming subcategory.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**

- 1) The Board incorporates by reference 40 CFR 471.64 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
- 1) The Board incorporates by reference 40 CFR 471.65 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 5, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.8107 Uranium Forming**

- a) Applicability. This Section applies to discharges resulting from the process operations of the uranium forming subcategory.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 471.74 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 471.75 (2003). This incorporation includes no later amendments or editions.

- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 5, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.8108 Zinc Forming**

- a) **Applicability.** This Section applies to discharges resulting from the process operations of the zinc forming subcategory.
- b) **Specialized Definitions.** None.
- c) **Existing Sources**
  - 1) The Board incorporates by reference 40 CFR 471.84 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) **New Sources**
  - 1) The Board incorporates by reference 40 CFR 471.85 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 5, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.8109 Zirconium-Hafnium Forming**

- a) **Applicability.** This Section applies to discharges resulting from the process operations of the zirconium-hafnium forming subcategory.



- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 471.94 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources
  - 1) The Board incorporates by reference 40 CFR 471.95 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
  - 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 5, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

### **Section 307.8110 Metal Powders**

- a) Applicability. This Section applies to discharges resulting from the process operations of the metal powders subcategory.
- b) Specialized Definitions. None.
- c) Existing Sources
  - 1) The Board incorporates by reference 40 CFR 471.104 (2003). This incorporation includes no later amendments or editions.
  - 2) No person subject to the pretreatment standards incorporated by reference in subsection (c)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- d) New Sources

- 1) The Board incorporates by reference 40 CFR 471.105 (2003). This incorporation includes no later amendments or editions.
- 2) No person subject to the pretreatment standards incorporated by reference in subsection (d)(1) may cause, threaten, or allow the discharge of any contaminant to a POTW in violation of those standards.
- 3) "New source" means any building, structure, facility, or installation whose construction commenced after March 5, 1984.

(Source: Amended at 47 Ill. Reg. 4662, effective March 23, 2023)

#### APPENDIX A      References to Previous Rules (Repealed)

(Source: Repealed at 12 Ill. Reg. 2592, effective January 13, 1988)