

Chapter NR 263

COIL COATING

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|--|--|---|--|
| NR 263.01 | Purpose. | NR 263.24 | Pretreatment standards for existing sources. |
| NR 263.015 | Applicability. | NR 263.25 | Pretreatment standards for new sources. |
| NR 263.02 | General definitions. | Subchapter III - Aluminum Basis Material Subcategory | |
| NR 263.03 | Monitoring and reporting requirements. | NR 263.30 | Applicability; description of the aluminum basis material subcategory. |
| NR 263.04 | Compliance dates. | NR 263.31 | Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available. |
| Subchapter I - Steel Basis Material Subcategory | | NR 263.32 | Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable. |
| NR 263.10 | Applicability; description of the steel basis material subcategory. | NR 263.33 | New source performance standards. |
| NR 263.11 | Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available. | NR 263.34 | Pretreatment standards for existing sources. |
| NR 263.12 | Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable. | NR 263.35 | Pretreatment standards for new sources. |
| NR 263.13 | New source performance standards. | Subchapter IV - Canmaking Subcategory | |
| NR 263.14 | Pretreatment standards for existing sources. | NR 263.40 | Applicability; description of the canmaking subcategory. |
| NR 263.15 | Pretreatment standards for new sources. | NR 263.41 | Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available. |
| Subchapter II - Galvanized Basis Material Subcategory | | NR 263.42 | Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable. |
| NR 263.20 | Applicability; description of the galvanized basis material subcategory. | NR 263.43 | New source performance standards. |
| NR 263.21 | Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available. | NR 263.44 | Pretreatment standards for existing sources. |
| NR 263.22 | Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable. | NR 263.45 | Pretreatment standards for new sources. |
| NR 263.23 | New source performance standards. | | |

NR 263.01 Purpose. The purpose of this chapter is to establish effluent limitations, standards of performance and pretreatment standards for discharges of process wastes from the coil coating category of point sources and its subcategories.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.015 Applicability. This chapter applies to any coil coating facility or to any canmaking facility that discharges or may discharge pollutants to waters of the state or into a publicly owned treatment works.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.02 General definitions. The following definitions are applicable to terms used in this chapter. Definitions of other terms and the meanings of other abbreviations are set forth in ss. NR 205.03, 205.04 and 211.03.

(1) "Aluminum basis material" means aluminum, aluminum alloys and aluminum coated steels which are processed in coil coating.

(2) "Area processed" means the area actually exposed to process solutions, usually including both sides of the metal strip.

(3) "Basis material" means the coiled strip which is processed.

(4) "Can" means a container formed from sheet metal and consisting of a body and 2 ends, or a body and a top.

(5) "Canmaking" means the process or processes used to manufacture seamless can bodies, which are washed, from a basic metal.

(6) "Coil" means a strip of basis material which is rolled for handling.

(7) "Coil coating" means the process of converting basis material strip into coated stock using at least 2 of 3 process operations, namely cleaning, conversion coating or painting.

(8) "Existing source" means any point source, except a new source as defined in sub. (10), from which pollutants may be discharged either into the waters of the state or into a publicly owned treatment works.

(9) "Galvanized basis material" means zinc coated steel, galvalum, brass and other copper base strip which is processed in coil coating.

(10) "New source", as defined for new source performance standards and pretreatment standards for new sources, means any point source from which pollutants are or may be discharged directly into the waters of the state, or into a publicly owned treatment works, the construction of which commenced:

(a) After January 12, 1981 for any facility subject to provisions of the steel, galvanized or aluminum basis material subcategories, or

(b) After February 10, 1983 for any facility subject to provisions of the canmaking subcategory.

(11) "Steel basis material" means cold rolled steel, hot rolled steel, and chrome nickel and tin coated steel which are processed in coil coating.

(12) "TTO" and "total toxic organics" mean the sum of all quantifiable values greater than 0.010 mg/l of the following toxic organic compounds:

- 1, 1, 1 - Trichloroethane
- 1, 1 - Dichloroethane
- 1, 1, 2, 2 - Tetrachloroethane
- Bis (2-chloroethyl) ether
- Chloroform
- 1, 1 - Dichloroethylene
- Methylene chloride (dichloromethane)
- Pentachlorophenol
- Bis (2-ethylhexyl) phthalate

Butyl benzyl-phthalate
Di-N-butyl phthalate
Phenanthrene
Tetrachloroethylene
Toluene

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.03 Monitoring and reporting requirements.

The following special monitoring and reporting requirements apply to all facilities regulated by this chapter:

(1) **CYANIDE.** Periodic analyses for cyanide are not required when both of the following conditions are met:

(a) The first wastewater sample of each calendar year has been analyzed and found to contain less than 0.07 mg/l cyanide, and

(b) The owner or operator of the coil coating facility certifies in writing that cyanide is not used in the coil coating process.

1. If the facility is a direct discharger, certification shall be made to the department.

2. If the facility discharges to a POTW, certification shall be made to the control authority.

(2) **MONTHLY DISCHARGE LIMIT.** The monthly average regulatory values, listed in the tables within this chapter, shall be the basis for the monthly average discharge limits in direct discharge permits and for pretreatment standards. Compliance with the monthly discharge limits is required regardless of the number of samples analyzed and averaged.

(3) **CANMAKING WITH ALUMINUM ALLOY CONTAINING LESS THAN 1.0% MANGANESE.** The owner or operator of any canmaking facility subject to the provisions of the canmaking subcategory shall advise the department or control authority and the EPA Office of Water Regulations and Standards, Washington, D.C. 20460, whenever it has been decided that the plant will manufacture cans from an aluminum alloy containing less than 1.0% manganese. Notification shall be made in writing not less than 30 days in advance of the scheduled production and shall provide the chemical analysis of the alloy and the expected period of use.

(4) **OIL AND GREASE ANALYSIS.** Follow the approved methods listed in ch. NR 219.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89; CR 17-046: r. and recr. (4) Register February 2021 No. 782, eff. 6-29-21.

NR 263.04 Compliance dates. (1) Any existing source subject to this chapter which discharges to waters of the state shall achieve:

(a) The effluent limitations representing BPT by July 1, 1977; and

(b) The effluent limitations representing BAT by July 1, 1984.

(2) Any new source subject to this chapter which discharges to waters of the state shall achieve NSPS at the commencement of discharge.

(3) Any existing source subject to the steel basis material subcategory, the galvanized basis material subcategory, or the aluminum basis material subcategory which introduces process wastewater pollutants into a POTW shall achieve PSES by December 1, 1985.

(4) Any existing source subject to the canmaking subcategory which introduces process wastewater pollutants into a POTW shall achieve PSES by November 17, 1986.

(5) Any new source subject to this chapter which introduces process wastewater pollutants into a POTW shall achieve PSNS at the commencement of discharge.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

Subchapter I - Steel Basis Material Subcategory

NR 263.10 Applicability; description of the steel basis material subcategory. This chapter applies to discharges to waters of the state and introductions of pollutants into publicly owned treatment works from coil coating of steel basis material coils.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.11 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available. Except as provided in 40 CFR 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following BPT effluent limitations:

| STEEL BASIS MATERIAL SUBCATEGORY | | | | |
|------------------------------------|--|--------|--------------------------------|---------|
| Pollutant or pollutant property | BPT Effluent Limitations | | | |
| | Maximum for any 1 day | | Maximum for monthly average | |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | | |
| Chromium | 1.16 | (0.24) | 0.47 | (0.096) |
| Cyanide | 0.80 | (0.17) | 0.33 | (0.068) |
| Zinc | 3.66 | (0.75) | 1.54 | (0.32) |
| Iron | 3.39 | (0.70) | 1.74 | (0.36) |
| Oil and grease | 55.1 | (11.3) | 33.1 | (6.77) |
| TSS | 113.0 | (23.1) | 55.1 | (11.3) |
| pH | (1) | (1) | (1) | (1) |

(1) Within the range of 7.5 to 10.0 at all times.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.12 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable. Except as provided in 40 CFR 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following BAT effluent limitations:

| STEEL BASIS MATERIAL SUBCATEGORY | | | | |
|------------------------------------|--|--------|--------------------------------|---------|
| Pollutant or pollutant property | BAT Effluent Limitations | | | |
| | Maximum for any 1 day | | Maximum for monthly average | |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | | |
| Chromium | 0.50 | (0.10) | 0.20 | (0.041) |
| Cyanide | 0.34 | (0.07) | 0.14 | (0.029) |
| Zinc | 1.56 | (0.32) | 0.66 | (0.14) |
| Iron | 1.45 | (0.30) | 0.74 | (0.15) |

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.13 New source performance standards.

Any new source subject to this subchapter shall achieve the following NSPS:

| STEEL BASIS MATERIAL SUBCATEGORY | | | | |
|----------------------------------|---|---------|-----------------------------|---------|
| NSPS | | | | |
| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average | |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | | |
| Chromium | 0.12 | (0.024) | 0.047 | (0.01) |
| Cyanide | 0.063 | (0.013) | 0.025 | (0.005) |
| Zinc | 0.33 | (0.066) | 0.14 | (0.027) |
| Iron | 0.39 | (0.086) | 0.20 | (0.041) |
| Oil and grease | 3.16 | (0.65) | 3.16 | (0.65) |
| TSS | 4.74 | (0.97) | 3.79 | (0.78) |
| pH | (1) | (1) | (1) | (1) |

(1) Within the range of 7.5 to 10.0 at all times.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.14 Pretreatment standards for existing sources. Except as provided in ss. NR 211.13 and 211.14, any existing source subject to this subchapter which introduces pollutants into a publicly owned treatment works shall comply with ch. NR 211 and may not exceed the following pretreatment standards for existing sources:

| STEEL BASIS MATERIAL SUBCATEGORY | | | | |
|----------------------------------|---|--------|-----------------------------|---------|
| PSES | | | | |
| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average | |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | | |
| Chromium | 0.50 | (0.10) | 0.20 | (0.041) |
| Cyanide | 0.34 | (0.07) | 0.14 | (0.029) |
| Zinc | 1.56 | (0.32) | 0.66 | (0.14) |

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.15 Pretreatment standards for new sources. Except as provided in s. NR 211.13, any new source subject to this subchapter which introduces pollutants into a publicly owned treatment works shall comply with ch. NR 211 and may not exceed the following pretreatment standards for new sources:

| STEEL BASIS MATERIAL SUBCATEGORY | | | | |
|----------------------------------|---|---------|-----------------------------|---------|
| PSNS | | | | |
| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average | |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | | |
| Chromium | 0.12 | (0.024) | 0.047 | (0.01) |
| Cyanide | 0.063 | (0.013) | 0.025 | (0.005) |
| Zinc | 0.33 | (0.066) | 0.14 | (0.027) |

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

Subchapter II - Galvanized Basis Material Subcategory

NR 263.20 Applicability; description of the galvanized basis material subcategory. This subchapter applies to discharges to waters of the state and introductions of pollutants into publicly owned treatment works from coil coating of galvanized basis material coils.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.21 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available. Except as provided in 40 CFR 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following BPT effluent limitations:

| GALVANIZED BASIS MATERIAL SUBCATEGORY | | | | |
|---------------------------------------|---|--------|-----------------------------|---------|
| BPT Effluent Limitations | | | | |
| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average | |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | | |
| Chromium | 1.10 | (0.23) | 0.45 | (0.091) |
| Copper | 4.96 | (1.02) | 2.61 | (0.54) |
| Cyanide | 0.76 | (0.16) | 0.32 | (0.064) |
| Zinc | 3.47 | (0.71) | 1.46 | (0.30) |
| Iron | 3.21 | (0.66) | 1.65 | (0.34) |
| Oil and grease | 52.2 | (10.7) | 31.3 | (6.42) |
| TSS | 107.0 | (21.9) | 52.2 | (10.7) |
| pH | (1) | (1) | (1) | (1) |

(1) Within the range of 7.5 to 10.0 at all times.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.22 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable. Except as provided in 40 CFR 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following BAT effluent limitations:

| GALVANIZED BASIS MATERIAL SUBCATEGORY | | | | |
|---------------------------------------|---|---------|-----------------------------|---------|
| BAT Effluent Limitations | | | | |
| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average | |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | | |
| Chromium | 0.37 | (0.077) | 0.16 | (0.031) |
| Copper | 1.71 | (0.35) | 0.90 | (0.19) |
| Cyanide | 0.26 | (0.053) | 0.11 | (0.022) |
| Zinc | 1.20 | (0.25) | 0.51 | (0.11) |
| Iron | 1.10 | (0.23) | 0.57 | (0.12) |

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.23 New source performance standards. Any new source subject to this subchapter shall achieve the following NSPS:

| GALVANIZED BASIS MATERIAL SUBCATEGORY | | | | |
|---------------------------------------|---|---------|-----------------------------|---------|
| NSPS Effluent Limitations | | | | |
| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average | |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | | |
| Chromium | 0.13 | (0.027) | 0.052 | (0.011) |
| Copper | 0.44 | (0.090) | 0.21 | (0.043) |
| Cyanide | 0.07 | (0.015) | 0.028 | (0.006) |
| Zinc | 0.35 | (0.08) | 0.15 | (0.030) |
| Iron | 0.43 | (0.09) | 0.22 | (0.045) |
| Oil and grease | 3.43 | (0.71) | 3.43 | (0.702) |
| TSS | 5.15 | (1.06) | 4.12 | (0.84) |
| pH | (1) | (1) | (1) | (1) |

(1) Within the range of 7.5 to 10.0 at all times.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.24 Pretreatment standards for existing sources. Except as provided in ss. NR 211.13 and 211.14, any existing source subject to this subchapter which introduces pollutants into a publicly owned treatment works shall comply with ch. NR 211 and may not exceed the following pretreatment standards for existing sources:

| GALVANIZED BASIS MATERIAL SUBCATEGORY | | | |
|---------------------------------------|---|---------|-----------------------------|
| PSES | | | |
| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | |
| Chromium | 0.37 | (0.077) | 0.16 (0.031) |
| Copper | 1.71 | (0.35) | 0.90 (0.19) |
| Cyanide | 0.26 | (0.053) | 0.11 (0.022) |
| Zinc | 1.20 | (0.25) | 0.51 (0.11) |

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.25 Pretreatment standards for new sources. Except as provided in s. NR 211.13, any new source subject to this subchapter which introduces pollutants into a publicly owned treatment works shall comply with ch. NR 211 and may not exceed the following pretreatment standards for new sources:

| GALVANIZED BASIS MATERIAL SUBCATEGORY | | | |
|---------------------------------------|---|---------|-----------------------------|
| PSNS | | | |
| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | |
| Chromium | 0.13 | (0.027) | 0.052 (0.011) |
| Copper | 0.44 | (0.090) | 0.21 (0.043) |
| Cyanide | 0.07 | (0.015) | 0.028 (0.006) |
| Zinc | 0.35 | (0.072) | 0.15 (0.030) |

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

Subchapter III - Aluminum Basis Material Subcategory

NR 263.30 Applicability; description of the aluminum basis material subcategory. This subchapter applies to discharges to waters of the state and introductions of pollutants into publicly owned treatment works from coil coating of aluminum basis material coils.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.31 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available. Except as provided in 40 CFR 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following BPT effluent limitations:

| ALUMINUM BASIS MATERIAL SUBCATEGORY | | | |
|-------------------------------------|---|--------|-----------------------------|
| BPT Effluent Limitations | | | |
| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | |
| Chromium | 1.42 | (0.29) | 0.58 (0.12) |
| Cyanide | 0.98 | (0.20) | 0.41 (0.083) |
| Zinc | 4.48 | (0.92) | 1.89 (0.39) |
| Aluminum | 15.3 | (3.14) | 6.26 (1.28) |
| Oil and grease | 67.3 | (13.8) | 40.4 (8.27) |
| TSS | 138.0 | (28.3) | 67.3 (13.8) |
| pH | (1) | (1) | (1) (1) |

(1) Within the range of 7.5 to 10.0 at all times.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.32 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable. Except as provided in 40 CFR 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following BAT effluent limitations:

| ALUMINUM BASIS MATERIAL SUBCATEGORY | | | |
|-------------------------------------|---|---------|-----------------------------|
| BAT Effluent Limitations | | | |
| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | |
| Chromium | 0.42 | (0.085) | 0.17 (0.034) |
| Cyanide | 0.29 | (0.059) | 0.12 (0.024) |
| Zinc | 1.32 | (0.27) | 0.56 (0.12) |
| Aluminum | 4.49 | (0.92) | 1.84 (0.38) |

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.33 New source performance standards. Any new source subject to this subchapter shall achieve the following NSPS:

| ALUMINUM BASIS MATERIAL SUBCATEGORY | | | |
|-------------------------------------|---|---------|-----------------------------|
| NSPS | | | |
| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | |
| Chromium | 0.18 | (0.037) | 0.072 (0.015) |
| Cyanide | 0.095 | (0.020) | 0.038 (0.008) |
| Zinc | 0.29 | (0.10) | 0.20 (0.041) |
| Aluminum | 1.44 | (0.30) | 0.59 (0.121) |
| Oil and grease | 4.75 | (0.98) | 4.75 (0.98) |
| TSS | 7.13 | (1.46) | 5.70 (1.17) |
| pH | (1) | (1) | (1) (1) |

(1) Within the range of 7.5 to 10.0 at all times.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.34 Pretreatment standards for existing sources. Except as provided in ss. NR 211.13 and 211.14, any existing source subject to this subchapter which introduces pollutants into a publicly owned treatment works shall comply with ch. NR 211 and may not exceed the following pretreatment standards for existing sources:

| ALUMINUM BASIS MATERIAL SUBCATEGORY | | | | |
|-------------------------------------|---|---------|-----------------------------|---------|
| Pollutant or pollutant property | PSES | | | |
| | Maximum for any 1 day | | Maximum for monthly average | |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | | |
| Chromium | 0.42 | (0.085) | 0.17 | (0.034) |
| Cyanide | 0.29 | (0.059) | 0.12 | (0.024) |
| Zinc | 1.32 | (0.27) | 0.56 | (0.12) |

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.35 Pretreatment standards for new sources. Except as provided in s. NR 211.13, any new source subject to this subchapter which introduces pollutants into a publicly owned treatment works shall comply with ch. NR 211 and may not exceed the following pretreatment standards for new sources:

| ALUMINUM BASIS MATERIAL SUBCATEGORY | | | | |
|-------------------------------------|---|---------|-----------------------------|---------|
| Pollutant or pollutant property | PSNS | | | |
| | Maximum for any 1 day | | Maximum for monthly average | |
| | mg/m ² (pounds per 1 million ft ²) of area processed | | | |
| Chromium | 0.18 | (0.037) | 0.072 | (0.015) |
| Cyanide | 0.095 | (0.02) | 0.038 | (0.008) |
| Zinc | 0.49 | (0.10) | 0.20 | (0.041) |

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

Subchapter IV - Canmaking Subcategory

NR 263.40 Applicability; description of the can-making subcategory. This subchapter applies to discharges to waters of the state and introductions of pollutants into publicly owned treatment works from canmaking processes.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.41 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available. Except as provided in 40 CFR 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following BPT effluent limitations:

| CANMAKING SUBCATEGORY | | | | |
|---------------------------------|-------------------------------------|----------|-----------------------------|----------|
| Pollutant or pollutant property | BPT Effluent Limitations | | | |
| | Maximum for any 1 day | | Maximum for monthly average | |
| | g (lbs)/1,000,000 cans manufactured | | | |
| Chromium | 94.60 | (0.209) | 38.70 | (0.085) |
| Zinc | 313.90 | (0.692) | 131.15 | (0.289) |
| Aluminum | 1382.45 | (3.048) | 688.00 | (1.517) |
| Fluoride | 12792.50 | (28.203) | 5676.00 | (12.514) |
| Phosphorus | 3590.50 | (7.916) | 1468.45 | (3.237) |
| Oil and grease | 4300.00 | (9.480) | 2580.00 | (5.688) |
| TSS | 8815.00 | (19.434) | 4192.50 | (9.243) |
| pH | (1) | (1) | (1) | (1) |

(1) Within the range of 7.5 to 10.0 at all times.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.42 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable. Except as provided in 40 CFR 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following BAT [effluent] limitations:

| CANMAKING SUBCATEGORY | | | | |
|---------------------------------|-------------------------------------|----------|-----------------------------|---------|
| Pollutant or pollutant property | BAT Effluent Limitations | | | |
| | Maximum for any 1 day | | Maximum for monthly average | |
| | g (lbs)/1,000,000 cans manufactured | | | |
| Chromium | 36.92 | (0.081) | 15.10 | (0.033) |
| Zinc | 122.49 | (0.270) | 51.18 | (0.113) |
| Aluminum | 539.48 | (1.189) | 268.48 | (0.592) |
| Fluoride | 4992.05 | (11.001) | 2214.96 | (4.883) |
| Phosphorus | 1401.13 | (3.089) | 573.04 | (1.263) |

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.43 New source performance standards.

Any new source subject to this subchapter shall achieve the following NSPS:

| CANMAKING SUBCATEGORY | | | | |
|---------------------------------|-------------------------------------|---------|-----------------------------|---------|
| NSPS Effluent Limitations | | | | |
| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average | |
| | g (lbs)/1,000,000 cans manufactured | | | |
| Chromium | 27.98 | (0.062) | 11.45 | (0.025) |
| Zinc | 92.86 | (0.205) | 38.80 | (0.086) |
| Aluminum | 408.95 | (0.902) | 203.52 | (0.449) |
| Fluoride | 3784.20 | (8.343) | 1679.04 | (3.702) |
| Phosphorus | 1062.12 | (2.342) | 434.39 | (0.958) |
| Oil and grease | 1272.00 | (2.804) | 763.20 | (1.683) |
| TSS | 2607.60 | (5.749) | 1240.20 | (2.734) |
| pH | (1) | (1) | (1) | (1) |

(1) Within the range of 7.0 to 10 at all times.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.44 Pretreatment standards for existing sources. Except as provided in ss. NR 211.13 and 211.14, any existing source subject to this subchapter which introduces pollutants into a publicly owned treatment works shall comply with ch. NR 211 and may not exceed the following pretreatment standards for existing sources:

| CANMAKING SUBCATEGORY | | | | |
|---------------------------------|-------------------------------------|----------|-----------------------------|---------|
| PSES | | | | |
| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average | |
| | g (lbs)/1,000,000 cans manufactured | | | |
| Chromium | 36.92 | (0.081) | 15.10 | (0.033) |
| Copper | 159.41 | (0.351) | 83.90 | (0.185) |
| Zinc | 122.49 | (0.270) | 51.18 | (0.113) |
| Fluoride | 4992.05 | (11.001) | 2214.96 | (4.883) |
| Phosphorus | 1401.13 | (3.089) | 573.04 | (1.263) |
| Manganese | 57.05 | (0.126) | 24.33 | (0.053) |
| TTO | 26.85 | (0.059) | 12.59 | (0.028) |
| Oil and grease ¹ | 1678.00 | (3.699) | 1006.80 | (2.220) |

¹ Use as alternative to monitoring for TTO.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

NR 263.45 Pretreatment standards for new sources. Except as provided [in] s. NR 211.13, any new source subject to this subchapter which introduces pollutants into a publicly owned treatment works shall comply with ch. NR 211 and may not exceed the following pretreatment standards for new sources:

| CANMAKING SUBCATEGORY | | | | |
|---------------------------------|-------------------------------------|----------|-----------------------------|----------|
| PSNS | | | | |
| Pollutant or pollutant property | Maximum for any 1 day | | Maximum for monthly average | |
| | g (lbs)/1,000,000 cans manufactured | | | |
| Chromium | 27.98 | (0.0617) | 11.45 | (0.025) |
| Copper | 120.84 | (0.267) | 63.60 | (0.140) |
| Zinc | 92.86 | (0.205) | 38.80 | (0.086) |
| Fluoride | 3784.20 | (8.345) | 1679.04 | (3.702) |
| Phosphorus | 1062.12 | (2.342) | 434.39 | (0.958) |
| Manganese | 43.25 | (0.095) | 18.44 | (0.041) |
| TTO | 20.35 | (0.045) | 9.54 | (0.0210) |
| Oil and grease ¹ | 1272.00 | (2.804) | 763.20 | (1.683) |

¹ Use as alternative to monitoring for TTO.

History: Cr. Register, April, 1989, No. 400, eff. 5-1-89.

Note: The citations of the Wisconsin administrative code correspond to provisions of the code of federal regulations as cross-referenced in the following table:

| State Code Section | Corresponding Federal Regulation |
|--------------------|----------------------------------|
| ch. NR 263 | 40 CFR Part 465 |
| s. NR 205.03 | 40 CFR 401.11 |
| s. NR 205.04 | 40 CFR 401.11 |
| s. NR 211.03 | 40 CFR 403.3 |
| ch. NR 211 | 40 CFR Part 403 |
| s. NR 211.13 | 40 CFR 403.7 |
| s. NR 211.14 | 40 CFR 403.13 |