

**Environmental Protection Agency**

**§ 467.22**

**§ 467.17 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology. [Reserved]**

**Subpart B—Rolling With Emulsions Subcategory**

**§ 467.20 Applicability; description of the rolling with emulsions subcategory.**

This subpart applies to dischargers of pollutants to waters of the United States and introductions of pollutants into publicly owned treatment works from the core and the ancillary operations of the rolling with emulsions subcategory.

**§ 467.21 Specialized definitions.**

For the purpose of this subpart:

(a) The “core” of the rolling with emulsions subcategory shall include rolling using emulsions, roll grinding, stationary casting, homogenizing, artificial aging, annealing, and sawing.

(b) The term “ancillary operation” shall mean any operation not previously included in the core, performed on-site, following or preceding the rolling operation. The ancillary operations shall include direct chill casting, solution heat treatment, cleaning or etching, and degassing.

**§ 467.22 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 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

**SUBPART B**

*Core*

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum rolled with emulsions	
Chromium .....	0.057	0.024
Cyanide .....	0.038	0.016
Zinc .....	0.19	0.079
Aluminum .....	0.84	0.416
Oil and grease .....	2.60	1.56
Suspended solids .....	5.33	2.53
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.0 to 10.0 at all times.

**SUBPART B**

*Direct Chill Casting Contact Cooling Water*

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum cast	
Chromium .....	0.59	0.24
Cyanide .....	0.39	0.16
Zinc .....	1.94	0.81
Aluminum .....	8.55	4.26
Oil and grease .....	26.58	15.95
Suspended solids .....	54.49	25.92
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> The pH shall be maintained within the range of 7.0 to 10.0 at all times except for those situations when this waste stream is discharged separately and without commingling with any other wastewater in which case the pH shall be within the range of 6.0 to 10.0 at all times.

**SUBPART B**

*Solution Heat Treatment Contact Cooling Water*

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum quenched	
Chromium .....	3.39	1.39
Cyanide .....	2.24	0.93
Zinc .....	11.25	4.70
Aluminum .....	49.55	24.66
Oil and grease .....	154.10	92.46
Suspended solids .....	315.91	150.25
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.0 to 10.0 at all times.

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SUBPART B

*Cleaning or Etching Bath*

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum cleaned or etched	
Chromium .....	0.079	0.032
Cyanide .....	0.052	0.022
Zinc .....	0.262	0.109
Aluminum .....	1.15	0.573
Oil and grease .....	3.58	2.15
Suspended solids .....	7.34	3.49
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.0 to 10.0 at all times.

SUBPART B

*Cleaning or Etching Rinse*

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum cleaned or etched	
Chromium .....	6.12	2.51
Cyanide .....	4.04	1.67
Zinc .....	20.31	8.49
Aluminum .....	89.46	44.52
Oil and grease .....	278.24	166.95
Suspended solids .....	570.39	271.29
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.0 to 10.0 at all times.

SUBPART B

*Cleaning or Etching Scrubber Liquor*

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum cleaned or etched	
Chromium .....	7.00	2.86
Cyanide .....	4.61	1.91
Zinc .....	23.22	9.70
Aluminum .....	102.24	50.88
Oil and grease .....	318.00	190.80
Suspended solids .....	651.90	310.05
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.0 to 10.0 at all times.

[48 FR 49149, Oct. 24, 1983; 49 FR 11631 and 11632, Mar. 27, 1984, as amended at 53 FR 52370, Dec. 27, 1988]

**§ 467.23 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 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable. The discharge of process wastewater pollutants from the core shall not exceed the values set forth below:

SUBPART B

*Core*

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum rolled with emulsions	
Chromium .....	0.057	0.024
Cyanide .....	0.038	0.016
Zinc .....	0.19	0.079
Aluminum .....	0.84	0.42

SUBPART B

*Direct Chill Casting Contact Cooling Water*

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum cast	
Chromium .....	0.59	0.24
Cyanide .....	0.39	0.16
Zinc .....	1.94	0.81
Aluminum .....	8.55	4.26