

§ 467.23

40 CFR Ch. I (7-1-10 Edition)

**§ 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

SUBPART B

*Solution Heat Treatment 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 quenched	
Chromium .....	0.90	0.37
Cyanide .....	0.59	0.25
Zinc .....	2.98	1.25
Aluminum .....	13.10	6.52

SUBPART B

*Cleaning or Etching Bath*

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 cleaned or etched	
Chromium .....	0.079	0.032
Cyanide .....	0.052	0.022
Zinc .....	0.26	0.109
Aluminum .....	1.15	0.573

SUBPART B

*Cleaning or Etching Rinse*

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 cleaned or etched	
Chromium .....	0.61	0.25
Cyanide .....	0.41	0.17
Zinc .....	2.03	0.85
Aluminum .....	8.95	4.45

SUBPART B

*Cleaning or Etching Scrubber Liquor*

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 cleaned or etched	
Chromium .....	0.85	0.35
Cyanide .....	0.56	0.23
Zinc .....	2.82	1.18
Aluminum .....	12.43	6.19

**Environmental Protection Agency**

**§ 467.24**

[48 FR 49149, Oct. 24, 1983; 49 FR 11631 and 11633, Mar. 27, 1984]

**§ 467.24 New source performance standards.**

Any new source subject to this subpart must achieve the following performance standards. The discharge of process wastewater pollutants from the core shall not exceed the values set forth below:

**SUBPART B**

*Core*

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum rolled with emulsions	
Chromium .....	0.048	0.020
Cyanide .....	0.026	0.011
Zinc .....	0.133	0.055
Aluminum .....	0.80	0.35
Oil and grease .....	1.30	1.30
Suspended solids .....	1.95	1.56
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	NSPS	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum cast by semicontinuous methods	
Chromium .....	0.49	0.20
Cyanide .....	0.27	0.11
Zinc .....	1.36	0.56
Aluminum .....	8.12	3.60
Oil and grease .....	13.29	13.29
Suspended solids .....	19.94	15.95
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	NSPS	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum quenched	
Chromium .....	0.76	0.31
Cyanide .....	0.41	0.17
Zinc .....	2.08	0.86
Aluminum .....	12.45	5.52
Oil and grease .....	20.37	20.37
Suspended solids .....	30.56	24.45
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 Bath*

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum cleaned or etched	
Chromium .....	0.067	0.027
Cyanide .....	0.036	0.015
Zinc .....	0.183	0.075
Aluminum .....	1.094	0.485
Oil and grease .....	1.79	1.79
Suspended solids .....	2.69	2.15
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	NSPS	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum cleaned or etched	
Chromium .....	0.52	0.21
Cyanide .....	0.28	0.11
Zinc .....	1.42	0.59
Aluminum .....	8.50	3.77
Oil and grease .....	13.91	13.91
Suspended solids .....	20.87	16.70
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

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