

**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.

§ 467.25

40 CFR Ch. I (7-1-11 Edition)

SUBPART B

*Cleaning or Etching Scrubber Liquor*

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 .....	0.72	0.29
Cyanide .....	0.39	0.16
Zinc .....	1.97	0.81
Aluminum .....	11.81	5.24
Oil and grease .....	19.33	19.33
Suspended solids .....	29.00	23.20
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 11633, Mar. 27, 1984, as amended at 53 FR 52370, Dec. 27, 1988]

**§ 467.25 Pretreatment standards for existing sources.**

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for existing sources. The mass of wastewater pollutants in aluminum forming process wastewater introduced into a POTW shall not exceed the following values:

SUBPART B

*Core*

Pollutant or pollutant property	PSES	
	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 .....	0.190	0.079
TTO .....	0.090	.....
Oil and grease (alternate monitoring parameter) .....	6.8	3.4

SUBPART B

*Direct Chill Casting Contact Cooling Water*

Pollutant or pollutant property	PSES	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum cast by semi-continuous methods	
Chromium .....	0.59	0.24
Cyanide .....	0.39	0.16
Zinc .....	1.94	0.81
TTO .....	0.92	.....
Oil and grease (alternate monitoring parameter) .....	69	35

SUBPART B

*Solution Heat Treatment Contact Cooling Water*

Pollutant or pollutant property	PSES	
	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
TTO .....	1.41	.....
Oil and grease (alternate monitoring parameter) .....	110	53

SUBPART B

*Cleaning or Etching Bath*

Pollutant or pollutant property	PSES	
	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
TTO .....	0.124	.....
Oil and grease (alternate monitoring parameter) .....	9.3	4.7