

§ 467.63

40 CFR Ch. I (7-1-12 Edition)

SUBPART F

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*Solution Heat Treatment Contact Cooling Water*

*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 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 at all times.

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 at all times.

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*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 at all times.

SUBPART F

*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	44.519
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 at all times.

**§ 467.63 Effluent limitations representing the degree of effluent reduction attainable by the application of 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 wastewater pollutants from the core shall not exceed the volumes set forth below:

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*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 drawn with emulsions or soaps	
Chromium .....	0.205	0.084
Cyanide .....	0.135	0.056
Zinc .....	0.681	0.285
Aluminum .....	3.00	1.49

**Environmental Protection Agency**

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*Continuous Rod Casting Spent Lubricant*

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 rod cast	
Chromium .....	0.0009	0.0004
Cyanide .....	0.0006	0.0003
Zinc .....	0.0029	0.0012
Aluminum .....	0.013	0.0063

**SUBPART F**

*Continuous Rod 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 rod cast	
Chromium .....	0.086	0.035
Cyanide .....	0.056	0.024
Zinc .....	0.283	0.118
Aluminum .....	1.25	0.62

**SUBPART F**

*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 .....	0.897	0.37
Cyanide .....	0.591	0.25
Zinc .....	2.98	1.24
Aluminum .....	13.10	6.52

**SUBPART F**

*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 .....	0.262	0.11
Aluminum .....	1.15	0.57

**SUBPART F**

*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 .....	0.612	0.251
Cyanide .....	0.404	0.167
Zinc .....	2.03	0.849
Aluminum .....	8.95	4.45

**SUBPART F**

*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	0.348
Cyanide .....	0.561	0.232
Zinc .....	2.82	1.18
Aluminum .....	12.43	6.19

[48 FR 49149, Oct. 24, 1983; 49 FR 11633, 11635, and 11636, Mar. 27, 1984]

**§ 467.64 New source performance standards.**

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

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*Core*

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum drawn with emulsions or soaps	
Chromium .....	0.173	0.070
Cyanide .....	0.094	0.038
Zinc .....	0.476	0.196
Aluminum .....	2.85	1.27
Oil and grease .....	4.67	4.67
Suspended solids .....	7.00	5.60
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

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