

**Environmental Protection Agency**

**§ 467.53**

**§ 467.53 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 wastewater pollutants from the core and ancillary operations shall not exceed the values set forth below:

**SUBPART E**

*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 neat oils	
Chromium .....	0.022	0.009
Cyanide .....	0.015	0.006
Zinc .....	0.073	0.031
Aluminum .....	0.321	0.16

**SUBPART E**

*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 .....	0.00086	0.0004
Cyanide .....	0.0006	0.0002
Zinc .....	0.0029	0.0012
Aluminum .....	0.0127	0.0063

**SUBPART E**

*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 .....	1.247	0.621

**SUBPART E**

*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 .....	0.896	0.367
Cyanide .....	0.591	0.245
Zinc .....	2.974	1.243
Aluminum .....	13.10	6.519

**SUBPART E**

*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	0.109
Aluminum .....	1.151	0.563

§ 467.54

40 CFR Ch. I (7-1-04 Edition)

SUBPART E

*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 .....	2.031	0.849
Aluminum .....	8.944	4.451

SUBPART E

*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 .....	0.851	0.348
Cyanide .....	0.561	0.232
Zinc .....	2.82	1.179
Aluminum .....	12.43	6.19

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

**§ 467.54 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 and ancillary operations shall not exceed the values set forth below:

SUBPART E

*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 neat oils	
Chromium .....	0.019	0.008
Cyanide .....	0.010	0.004
Zinc .....	0.051	0.021
Aluminum .....	0.304	0.135
Oil and grease .....	0.498	0.498
Suspended solids .....	0.747	0.598
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.0 to 10 at all times.

SUBPART E

*Continuous Rod Casting Spent Lubricant*

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum rod cast	
Chromium .....	0.0008	0.0003
Cyanide .....	0.0004	0.0002
Zinc .....	0.002	0.0008
Aluminum .....	0.012	0.006
Oil and grease .....	0.02	0.02
Suspended solids .....	0.03	0.024
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.0 to 10 at all times.

SUBPART E

*Continuous Rod 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 rod cast	
Chromium .....	0.072	0.029
Cyanide .....	0.039	0.016
Zinc .....	0.198	0.082
Aluminum .....	1.185	0.526
Oil and grease .....	1.939	1.939
Suspended solids .....	2.909	2.327
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.0 to 10 at all times.

SUBPART E

*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 .....	0.754	0.306
Cyanide .....	0.408	0.163
Zinc .....	2.08	0.856
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 at all times.