

§ 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:

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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 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	(¹)	(¹)

¹ 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	(¹)	(¹)

¹ Within the range of 7.0 to 10 at all times.

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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	(¹)	(¹)

¹ Within the range of 7.0 to 10 at all times.

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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	(¹)	(¹)

¹ Within the range of 7.0 to 10 at all times.

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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	0.066	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	(¹)	(¹)

¹ Within the range of 7.0 to 10 at all times.

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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	0.515	0.209
Cyanide	0.278	0.111
Zinc	1.42	0.584
Aluminum	8.50	3.77
Oil and grease	13.91	13.91
Suspended solids	20.87	16.70
pH	(¹)	(¹)

¹ Within the range of 7.0 to 10 at all times.

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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	0.715	0.290
Cyanide	0.387	0.155
Zinc	1.97	0.812
Aluminum	11.81	5.24
Oil and grease	19.33	19.33
Suspended solids	29.00	23.20
pH	(¹)	(¹)

¹ Within the range of 7.0 to 10 at all times.

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

§ 467.55 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 values set forth below:

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Core

Pollutant or pollutant property	PSES	
	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
TTO	0.035
Oil and grease (alternate monitoring parameter)	2.6	1.3

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Continuous Rod Casting Lubricant

Pollutant or pollutant property	PSES	
	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
TTO	0.0014
Oil and grease (alternate monitoring parameter)	0.10	0.052

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Continuous Rod 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 rod cast	
Chromium	0.086	0.035
Cyanide	0.057	0.023
Zinc	0.283	0.118
TTO	0.133
Oil and grease (alternate monitoring parameter)	10	5.1