

**Environmental Protection Agency**

**§ 467.55**

**SUBPART E**

*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 .....	( <sup>1</sup> )	( <sup>1</sup> )

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

**SUBPART E**

*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 .....	( <sup>1</sup> )	( <sup>1</sup> )

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

**SUBPART E**

*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 .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> 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:

**SUBPART E**

*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

**SUBPART E**

*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

**SUBPART E**

*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

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SUBPART E

SUBPART E

*Solution Heat Treatment Contact Cooling Water*

*Cleaning or Etching Scrubber Liquor*

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 .....	0.896	0.367
Cyanide .....	0.591	0.245
Zinc .....	2.98	1.24
TTO .....	1.41	.....
Oil and grease (alternate monitoring parameter) .....	110	53

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 .....	0.851	0.348
Cyanide .....	0.561	0.232
Zinc .....	2.82	1.18
TTO .....	1.34	.....
Oil and grease (alternate monitoring parameter) .....	100	50

SUBPART E

*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	0.033
Cyanide .....	0.052	0.022
Zinc .....	0.262	0.109
TTO .....	0.124	.....
Oil and grease (alternate monitoring parameter) .....	9.3	4.7

[48 FR 49149, Oct. 24, 1983; 49 FR 11632, 11633, and 11635, Mar. 27, 1984, as amended at 53 FR 52369-52372, Dec. 27, 1988]

**§ 467.56 Pretreatment standards for new sources.**

Except as provided in 40 CFR 403.7, any new 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 new sources.

The mass of wastewater pollutants in aluminum forming process wastewater introduced into a POTW shall not exceed the values set forth below:

SUBPART E

*Cleaning or Etching Rinse*

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 .....	0.612	0.251
Cyanide .....	0.404	0.17
Zinc .....	2.03	0.85
TTO .....	0.96	.....
Oil and grease (alternate monitoring parameter) .....	73	36

SUBPART E

*Core*

Pollutant or pollutant property	PSNS	
	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
TTO .....	0.035	.....
Oil and grease (alternate monitoring parameter) .....	0.50	0.50