

§ 467.36

40 CFR Ch. I (7-1-10 Edition)

SUBPART C

*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	
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 C

*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 .....	1.7	0.7
Cyanide .....	1.2	0.5
Zinc .....	5.7	2.4
TTO .....	2.7	.....
Oil & Grease (alternate monitoring parameter) .....	200	100

SUBPART C

*Press 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 C

*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 cleaned or etched	
Chromium .....	0.85	0.35
Cyanide .....	0.56	0.23
Zinc .....	2.82	1.18
TTO .....	1.34	.....
Oil and grease (alternate monitoring parameter) .....	100	50

SUBPART C

*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

[48 FR 49149, Oct. 24, 1983; 49 FR 11632, 11633 and 11634, Mar. 27, 1984, as amended at 53 FR 52369-52371, Dec. 27, 1988]

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

(a) 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.

(b) There shall be no discharge allowance for wastewater pollutants from the degassing operation.

(c) The mass of wastewater pollutants from the core and ancillary operations except those identified in paragraph (b) introduced into a POTW shall not exceed the values set forth below:

SUBPART C

*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 .....	0.26	0.109
TTO .....	0.124	.....
Oil and grease (alternate monitoring parameter) .....	9.3	4.7

**Environmental Protection Agency**

**§ 467.36**

**SUBPART C**

*Core*

Pollutant or pollutant property	PSNS	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of extruded	
Chromium .....	0.13	0.05
Cyanide .....	0.07	0.03
Zinc .....	0.35	0.15
TTO .....	0.24	.....
Oil and grease (alternate monitoring parameter) .....	3.40	3.40

**SUBPART C**

*Extrusion Press Leakage*

Pollutant or pollutant property	PSNS	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of hard alloy aluminum extruded	
Chromium .....	0.11	0.05
Cyanide .....	0.06	0.03
Zinc .....	0.31	0.13
TTO .....	0.21	.....
Oil and grease (alternate monitoring parameter) .....	2.98	2.98

**SUBPART C**

*Direct Chill Casting Contact Cooling Water*

Pollutant or pollutant property	PSNS	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum cast	
Chromium .....	0.49	0.20
Cyanide .....	0.27	0.11
Zinc .....	1.36	0.56
TTO .....	0.92	.....
Oil and grease (alternate monitoring parameter) .....	13.29	13.29

**SUBPART C**

*Press Heat Treatment Contact Cooling Water*

Pollutant or pollutant property	PSNS	
	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
TTO .....	1.41	.....
Oil and grease (alternate monitoring parameter) .....	20.37	20.37

**SUBPART C**

*Solution Heat Treatment Contact Cooling Water*

Pollutant or pollutant property	PSNS	
	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
TTO .....	1.41	.....
Oil and grease (alternate monitoring parameter) .....	20.37	20.37

**SUBPART C**

*Cleaning or Etching Bath*

Pollutant or pollutant property	PSNS	
	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
TTO .....	0.124	.....
Oil and grease (alternate monitoring parameter) .....	1.79	1.79

§ 467.37

40 CFR Ch. I (7-1-10 Edition)

SUBPART C

*Cleaning or Etching Rinse*

Pollutant or pollutant property	PSNS	
	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
TTO .....	0.96	.....
Oil and grease (alternate monitoring parameter) .....	13.91	13.91

SUBPART C

*Cleaning or Etching Scrubber Liquor*

Pollutant or pollutant property	PSNS	
	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
TTO .....	1.34	.....
Oil and grease (alternate monitoring parameter) .....	19.33	19.33

[48 FR 49149, Oct. 24, 1983; 49 FR 11632, 11633, and 11634, Mar. 27, 1984]

**§ 467.37 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology. [Reserved]**

**Subpart D—Forging Subcategory**

**§ 467.40 Applicability; description of the forging subcategory.**

This subpart applies to discharges of pollutants to waters of the United States and introductions of pollutants into publicly owned treatment works from the core of the forging subcategory and the ancillary operations.

**§ 467.41 Specialized definitions.**

For the purpose of this subpart:

(a) The “core” of the forging subcategory shall include forging, artifi-

cial aging, annealing, degreasing, and sawing.

(b) The term “ancillary operation” shall mean any operation not previously included in the core, performed on-site, following or preceding the forging operation. The ancillary operations shall include forging air pollution scrubbers, solution heat treatment, and cleaning or etching.

**§ 467.42 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available. [Reserved]**

**§ 467.43 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable. [Reserved]**

**§ 467.44 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:

SUBPART D

*Core*

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum forged	
Chromium .....	0.019	0.008
Cyanide .....	0.010	0.004
Zinc .....	0.051	0.021
Aluminum .....	0.305	0.135
Oil and grease .....	0.50	0.50
Suspended solids .....	0.75	0.60
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

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