

Environmental Protection Agency

§ 467.45

§ 467.45 Pretreatment standards for existing sources.

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart which introduced 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 D

Core

Pollutant or pollutant property	PSES	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum forged	
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 D

Forging 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 forged	
Chromium	0.042	0.017
Cyanide	0.028	0.011
Zinc	0.14	0.058
TTO	0.065	.....
Oil and grease (alternate monitoring parameter)	4.9	2.5

SUBPART D

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	0.897	0.37
Cyanide	0.591	0.25
Zinc	2.98	1.24
TTO	1.41	.....
Oil and grease (alternate monitoring parameter)	110	53

SUBPART D

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	0.11
TTO	0.123	.....
Oil and grease (alternate monitoring parameter)	9.3	4.7

SUBPART D

Cleaning or Etching Rinse

Pollutant or pollutant property	PSES	
	Maximum for any 1 day	Maximum for monthly average
	mb/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 and grease (alternate monitoring parameter)	200	100

§ 467.46

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

SUBPART D

SUBPART D

Cleaning or Etching Scrubber Liquor

Forging 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	0.851	0.35
Cyanide	0.561	0.23
Zinc	2.82	1.18
TTO	1.34	.....
Oil and grease (alternate monitoring parameter)	100	50

Pollutant or pollutant property	PSNS	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum forged	
Chromium	0.035	0.014
Cyanide	0.019	0.008
Zinc	0.096	0.040
TTO	0.065	.....
Oil and grease (alternate monitoring parameter)	0.95	0.95

[48 FR 49149, Oct. 24, 1983; 49 FR 11632, 11633, and 11635, Mar. 27, 1984, as amended at 53 FR 52369-52371, Dec. 27, 1988]

SUBPART D

Solution Heat Treatment Contact Cooling Water

§ 467.46 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:

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	0.16
Zinc	2.08	0.86
TTO	1.41	.....
Oil and grease (alternate monitoring parameter)	20.37	20.37

SUBPART D

SUBPART D

Core

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 forged	
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

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