

§ 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

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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 |

Environmental Protection Agency

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SUBPART D

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 D

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 | 0.812 |
| TTO | 1.34 | |
| Oil and grease (alternate monitoring parameter) | 19.33 | 19.33 |

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

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

Subpart E—Drawing With Neat Oils Subcategory

§ 467.50 Applicability; description of the drawing with neat oils 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 drawing with neat oils subcategory and the ancillary operations.

§ 467.51 Specialized definitions.

For the purpose of this subpart:

(a) The “core” of the drawing with neat oils subcategory shall include drawing using neat oils, stationary casting, artificial aging, annealing, degreasing, sawing, and swaging.

(b) The term “ancillary operation” shall mean any operation not previously included in the core, performed on-site, following or preceding the drawing operation. The ancillary operation shall include continuous rod casting, solution heat treatment, and cleaning or etching.

§ 467.52 Effluent limitations representing the degree of effluent reduction attainable by the application of best practicable control technology currently available.

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 practicable technology currently available:

SUBPART E

Core

| Pollutant or pollutant property | BPT effluent limitations | |
|---------------------------------|---|-----------------------------|
| | Maximum for any 1 day | Maximum for monthly average |
| | mg/off-kg (lb/per million off-lbs) of aluminum drawn with neat oils | |
| Chromium | 0.022 | 0.0090 |
| Cyanide | 0.015 | 0.0050 |
| Zinc | 0.073 | 0.031 |
| Aluminum | 0.32 | 0.160 |
| Oil and grease | 0.97 | 0.598 |
| Suspended solids | 2.04 | 0.972 |
| pH | (¹) | (¹) |

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