

§ 467.65

40 CFR Ch. I (7-1-14 Edition)

SUBPART F

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 | 0.0020 | 0.0008 |
| Aluminum | 0.012 | 0.0053 |
| Oil and grease | 0.020 | 0.020 |
| Suspended solids | 0.030 | 0.024 |
| pH | (¹) | (¹) |

¹ Within the range of 7.0 to 10.0 at all times.

SUBPART F

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 | 0.081 |
| Aluminum | 1.184 | 0.526 |
| Oil and grease | 1.940 | 1.940 |
| Suspended solids | 2.91 | 2.33 |
| pH | (¹) | (¹) |

¹ Within the range of 7.0 to 10.0 at all times.

SUBPART F

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 | 0.31 |
| Cyanide | 0.408 | 0.16 |
| Zinc | 2.08 | 0.86 |
| Aluminum | 12.450 | 5.52 |
| Oil and grease | 20.37 | 20.37 |
| Suspended solids | 20.56 | 24.45 |
| pH | (¹) | (¹) |

¹ Within the range of 7.0 to 10.0 at all times.

SUBPART F

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 | 0.49 |
| Oil and grease | 1.79 | 1.79 |
| Suspended solids | 2.69 | 2.15 |
| pH | (¹) | (¹) |

¹ Within the range of 7.0 to 10.0 at all times.

SUBPART F

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 | 0.21 |
| Cyanide | 0.278 | 0.11 |
| Zinc | 1.42 | 0.59 |
| 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 10.0 at all times.

SUBPART F

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 | 0.72 | 0.290 |
| Cyanide | 0.387 | 0.155 |
| Zinc | 1.97 | 0.812 |
| Aluminum | 1.18 | 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 10.0 at all times.

[48 FR 49149, Oct. 24, 1983; 49 FR 11633 and 11636, Mar. 27, 1984]

§ 467.65 Pretreatment standards for existing sources.

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject

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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 emulsions or soaps | |
| Chromium | 0.205 | 0.084 |
| Cyanide | 0.135 | 0.056 |
| Zinc | 0.681 | 0.285 |
| TTO | 0.32 | |
| Oil and grease (alternate monitoring parameter) | 25 | 12 |

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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 | 0.056 | 0.024 |
| Zinc | 0.283 | 0.119 |
| TTO | 0.134 | |
| Oil and grease (alternate monitoring parameter) | 10 | 5.1 |

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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 | 0.896 | 0.367 |
| Cyanide | 0.591 | 0.245 |
| Zinc | 2.98 | 1.25 |
| TTO | 1.41 | |
| Oil and grease (alternate monitoring parameter) | 110 | 53 |

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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 | 0.262 | 0.11 |
| TTO | 0.124 | |
| Oil and grease (alternate monitoring parameter) | 9.3 | 4.7 |

SUBPART F

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 | 0.167 |
| Zinc | 2.03 | 0.849 |
| TTO | 0.96 | |
| Oil and grease (alternate monitoring parameter) | 73 | 36 |

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Cleaning or Etching Scrubber Liquor

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 cleaned or etched | |
| Chromium | 0.851 | 0.348 |
| Cyanide | 0.561 | 0.232 |
| Zinc | 2.82 | 1.18 |
| TTO | 1.33 | |
| 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 rod cast | |
| Chromium | 0.0008 | 0.0003 |
| Cyanide | 0.0004 | 0.0002 |
| Zinc | 0.0020 | 0.0008 |
| TTO | 0.0014 | |
| Oil and grease (alternate monitoring parameter) | 0.020 | 0.020 |

[48 FR 49149, Oct. 24, 1983; 49 FR 11632, 11636, Mar. 27, 1984, as amended at 53 FR 52369, Dec. 27, 1988]

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§ 467.66 Pretreatment standards for new sources.

Continuous Rod Casting Contact Cooling Water

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 wastewaters 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 rod cast | |
| Chromium | 0.072 | 0.029 |
| Cyanide | 0.039 | 0.016 |
| Zinc | 0.198 | 0.082 |
| TTO | 0.134 | |
| Oil and grease (alternate monitoring parameter) | 1.94 | 1.94 |

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Core

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 drawn with emulsions or soaps | |
| Chromium | 0.173 | 0.070 |
| Cyanide | 0.094 | 0.038 |
| Zinc | 0.48 | 0.196 |
| TTO | 0.32 | |
| Oil and grease (alternate monitoring parameter) | 4.67 | 4.67 |

| 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 | 0.306 |
| Cyanide | 0.41 | 0.163 |
| Zinc | 2.08 | 0.856 |
| TTO | 1.41 | |
| Oil and grease (alternate monitoring parameter) | 20.37 | 20.37 |