

**Environmental Protection Agency**

**§ 467.41**

**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                        |

**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, artificial aging, annealing, degreasing, and sawing.

**§ 467.42**

(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.

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**SUBPART D**

*Forging 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 forged |                             |
| Chromium .....                  | 0.035   | 0.014                       |
| Cyanide .....                   | 0.019   | 0.008                       |
| Zinc .....                      | 0.096   | 0.04                        |
| Aluminum .....                  | 0.576   | 0.256                       |
| Oil and grease .....            | 0.943   | 0.95                        |
| Suspended solids .....          | 1.42  | 1.13                        |
| pH .....                        | ( <sup>1</sup> )                                  | ( <sup>1</sup> )            |

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

**SUBPART D**

*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 .....                  | 0.76  | 0.31                        |
| Cyanide .....                   | 0.41  | 0.163                       |
| Zinc .....                      | 2.08  | 0.86                        |
| Aluminum .....                  | 12.45   | 5.52                        |
| Oil and grease .....            | 20.37   | 20.37                       |
| Suspended solids .....          | 30.56   | 24.45                       |
| pH .....                        | ( <sup>1</sup> )                                    | ( <sup>1</sup> )            |

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

**SUBPART D**

*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.