

§ 464.45

| | Maximum for any 1 day | Maximum for monthly average | Annual average ¹ |
|------------------|-----------------------|-----------------------------|-----------------------------|
| | (mg/l) ² | (mg/l) ² | |
| Copper (T) | 0.77 | 0.42 | 0.345 |
| Lead (T) | 0.53 | 0.26 | 0.304 |
| Zinc (T) .. | 0.76 | 0.29 | 0.365 |
| Total phenols | 0.86 | 0.3 | 0.406 |
| Oil and grease | 30 | 10 | 10.1 |
| TSS | 15 | 12 | 5.27 |
| pH | (³) | (³) | (³) |

¹ kg/62.3 million Sm³ (pounds per billion SCF) of air scrubbed.

² These concentrations must be multiplied by the ratio of (0.243/x) where x is the actual normalized process wastewater flow (in gallons per 1,000 SCF of air scrubbed) for a specific plant.

³ Within the range of 7.0 to 10.0 at all times.

(d) Mold Cooling Operations.

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | kg/1,000 kkg (pounds per million pounds) of metal poured | |
| Copper (T) | 0.304 | 0.166 |
| Lead (T) | 0.209 | 0.103 |
| Zinc (T) | 0.3 | 0.114 |
| Oil and grease | 11.8 | 3.94 |
| TSS | 5.91 | 4.73 |
| pH | (¹) | (¹) |

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

| | Maximum for any 1 day | Maximum for monthly average | Annual average ¹ |
|----------------------|-----------------------|-----------------------------|-----------------------------|
| | (mg/l) ² | (mg/l) ² | |
| Copper (T) ... | 0.77 | 0.42 | 0.067 |
| Lead (T) | 0.53 | 0.26 | 0.059 ¹ |
| Zinc (T) | 0.76 | 0.29 | 0.071 |
| Oil and grease | 30 | 10 | 1.97 |
| TSS | 15 | 12 | 1.03 |
| pH | (³) | (³) | (³) |

¹ kg/1,000 kkg (pounds per million pounds) of metal poured.

² These concentrations must be multiplied by the ratio of (47.3/x) where x is the actual normalized process wastewater flow (in gallons per 1,000 pounds of metal poured) for a specific plant.

³ Within the range of 7.0 to 10.0 at all times.

[50 FR 45247, Oct. 30, 1985; 51 FR 21762, June 16, 1986]

§ 464.45 Pretreatment standards for existing sources.

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart which introduces pol-

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lutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for existing sources.

(a) Casting Quench Operations.

PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|--|-----------------------------|
| | kg/1,000 kkg (pounds per million pounds) of metal poured | |
| Copper (T) | 0.0344 | 0.0187 |
| Lead (T) | 0.0237 | 0.0116 |
| Zinc (T) | 0.0339 | 0.0129 |
| TTO | 0.093 | 0.0304 |
| Oil and grease (for alternate monitoring) | 1.34 | 0.446 |

(b) Die Casting Operations.

PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|--|--|-----------------------------|
| | kg/1,000 kkg (pounds per million pounds) of metal poured | |
| Copper (T) | 0.0066 | 0.0036 |
| Lead (T) | 0.0046 | 0.0022 |
| Zinc (T) | 0.0066 | 0.0025 |
| Total phenols | 0.0074 | 0.0026 |
| TTO | 0.0196 | 0.0064 |
| Oil and grease for alternate monitoring) | 0.259 | 0.0864 |

(c) Melting Furnace Scrubber Operations.

PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|--|--|-----------------------------|
| | kg/62.3 million Sm ³ (pounds per billion SCF) of air scrubbed | |
| Copper (T) | 1.56 | 0.852 |
| Lead (T) | 1.07 | 0.527 |
| Zinc (T) | 1.54 | 0.588 |
| Total phenols | 1.74 | 0.608 |
| TTO | 3.95 | 1.29 |
| Oil and grease for alternate monitoring) | 60.8 | 20.3 |

(d) Mold Cooling Operations.

PSSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|--|--|-----------------------------|
| | kg/1,000 kkg (pounds per million pounds) of metal poured | |
| Copper (T) | 0.304 | 0.166 |
| Lead (T) | 0.209 | 0.103 |
| Zinc (T) | 0.3 | 0.114 |
| TTO | 0.821 | 0.268 |
| Oil and grease for alternate monitoring) | 11.8 | 3.94 |

§ 464.46 Pretreatment standards for new sources.

Except as provided in 40 CFR 403.7, any new source subject to this subpart which introduces pollutants into publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources.

(a) *Casting Quench Operations.*

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|--|-----------------------------|
| | kg/1,000 kkg (pounds per million pounds) of metal poured | |
| Copper (T) | 0.0344 | 0.0187 |
| Lead (T) | 0.0237 | 0.0116 |
| Zinc (T) | 0.0339 | 0.0129 |
| TTO | 0.093 | 0.0304 |
| Oil and grease (for alternate monitoring) | 1.34 | 0.446 |

(b) *Die Casting Operations.*

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|--|-----------------------------|
| | kg/1,000 kkg (pounds per million pounds) of metal poured | |
| Copper (T) | 0.0066 | 0.0036 |
| Lead (T) | 0.0046 | 0.0022 |
| Zinc (T) | 0.0066 | 0.0025 |
| Total phenols | 0.0074 | 0.0026 |
| TTO | 0.0196 | 0.0064 |
| Oil and grease (for alternate monitoring) | 0.259 | 0.0864 |

(c) *Melting Furnace Scrubber Operations.*

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|--------------------------------------|---|
| | kg/62.3 million per billion scrubbed | Sm ³ (pounds per billion SCF) of air |
| Copper (T) | 1.56 | 0.852 |
| Lead (T) | 1.07 | 0.527 |
| Zinc (T) | 1.54 | 0.588 |
| Total phenols | 1.74 | 0.608 |
| TTO | 3.95 | 1.29 |
| Oil and grease (for alternate monitoring) | 60.8 | 20.3 |

(d) *Mold Cooling Operations.*

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---|--|-----------------------------|
| | kg/1,000 kkg (pounds per million pounds) of metal poured | |
| Copper (T) | 0.304 | 0.166 |
| Lead (T) | 0.209 | 0.103 |
| Zinc (T) | 0.3 | 0.114 |
| TTO | 0.821 | 0.268 |
| Oil and grease (for alternate monitoring) | 11.8 | 3.94 |

[50 FR 45247, Oct. 30, 1985; 51 FR 21762, June 16, 1986]

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

PART 465—COIL COATING POINT SOURCE CATEGORY

GENERAL PROVISIONS

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- 465.01 Applicability.
- 465.02 General definitions.
- 465.03 Monitoring and reporting requirements.
- 465.04 Compliance date for PSSES.

Subpart A—Steel Basis Material Subcategory

- 465.10 Applicability; description of the steel basis material subcategory.
- 465.11 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 465.12 Effluent limitations representing the degree of effluent reduction attainable