

§ 420.43

alternative limitations on a best professional judgment basis.

[47 FR 23284, May 27, 1982, as amended at 67 FR 64267, Oct. 17, 2002]

§ 420.43 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

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 available technology economically achievable.

(a) *Electric arc furnace steelmaking—semi-wet.* No discharge of process wastewater pollutants to navigable waters.

(b) *Basic oxygen furnace steelmaking—wet-suppressed combustion.*

SUBPART D

| Pollutant or pollutant property | BAT effluent limitations | |
|---------------------------------|---|---|
| | Maximum for any 1 day | Average of daily values for 30 consecutive days |
| | Kg/kkg (pounds per 1,000 lb) of product | |
| Lead | 0.000188 | 0.0000626 |
| Zinc | 0.000282 | 0.0000939 |

(c) *Basic oxygen furnace steelmaking—wet open combustion; and electric arc furnace steelmaking—wet.*

SUBPART D

| Pollutant or pollutant property | BAT effluent limitations | |
|---------------------------------|---|---|
| | Maximum for any 1 day | Average of daily values for 30 consecutive days |
| | Kg/kkg (pounds per 1,000 lb) of product | |
| Lead | 0.000413 | 0.000138 |
| Zinc | 0.000620 | 0.000207 |

(d) *Basic oxygen furnace steelmaking—semi-wet.*

(1) No discharge of process wastewater pollutants to navigable waters.

(2) If the permittee demonstrates to the satisfaction of the permitting authority that safety considerations pre-

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vent attainment of these limitations, the permitting authority may establish alternative limitations on a best professional judgment basis.

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§ 420.44 New source performance standards (NSPS).

The discharge of wastewater pollutants from any new source subject to this subpart shall not exceed the standards set forth below.

(a) *Basic oxygen furnace steelmaking—semi-wet; and electric arc furnace steelmaking—semi-wet.* No discharge of process wastewater pollutants to navigable waters.

(b) *Basic oxygen furnace steelmaking—wet-suppressed combustion.*

SUBPART D

| Pollutant or pollutant property | New source performance standards | |
|---------------------------------|---|---|
| | Maximum for any 1 day | Average of daily values for 30 consecutive days |
| | Kg/kkg (pounds per 1,000 lb) of product | |
| TSS | 0.0146 | 0.00522 |
| Lead | 0.000188 | 0.0000626 |
| Zinc | 0.000282 | 0.0000939 |
| pH | (¹) | (¹) |

¹ Within the range of 6.0 to 9.0.

(c) *Basic oxygen furnace steelmaking—wet open combustion; and electric arc furnace steelmaking—wet.*

SUBPART D

| Pollutant or pollutant property | New source performance standards | |
|---------------------------------|---|---|
| | Maximum for any 1 day | Average of daily values for 30 consecutive days |
| | Kg/kkg (pounds per 1,000 lb) of product | |
| TSS | 0.0321 | 0.0115 |
| Lead | 0.000413 | 0.000138 |
| Zinc | 0.000620 | 0.000207 |
| pH | (¹) | (¹) |

¹ Within the range of 6.0 to 9.0.

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