

§ 420.50

40 CFR Ch. I (7-1-06 Edition)

Subpart E—Vacuum Degassing Subcategory

§ 420.50 Applicability; description of the vacuum degassing subcategory.

The provisions of this subpart are applicable to discharges and to the introduction of pollutants into publicly owned treatment works resulting from vacuum degassing operations conducted by applying a vacuum to molten steel.

§ 420.51 [Reserved]

§ 420.52 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

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 control technology currently available.

SUBPART E

| Pollutant or pollutant property | BPT effluent limitations | |
|---------------------------------|--|---|
| | Maximum for any 1 day | Average of daily values for 30 consecutive days |
| | Kg/kg (pounds per 1,000 lb) of product | |
| TSS | 0.0156 | 0.00521 |
| pH | (¹) | (¹) |

¹ Within the range of 6.0 to 9.0.

§ 420.53 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.

SUBPART E

| Pollutant or pollutant property | BAT effluent limitations | |
|---------------------------------|--|---|
| | Maximum for any 1 day | Average of daily values for 30 consecutive days |
| | Kg/kg (pounds per 1,000 lb) of product | |
| Lead | 0.0000939 | 0.0000313 |
| Zinc | 0.000141 | 0.0000469 |

§ 420.54 New source performance standards (NSPS).

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

SUBPART E

| Pollutant or pollutant property | New source performance standards | |
|---------------------------------|--|---|
| | Maximum for any 1 day | Average of daily values for 30 consecutive days |
| | Kg/kg (pounds per 1,000 lb) of product | |
| TSS | 0.00730 | 0.00261 |
| Lead | 0.0000939 | 0.0000313 |
| Zinc | 0.000141 | 0.0000469 |
| pH | (¹) | (¹) |

¹ Within the range of 6.0 to 9.0.

§ 420.55 Pretreatment standards for existing sources (PSES).

Except as provided in 40 CFR 403.7 and 403.13, any existing 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 existing sources.

SUBPART E

| Pollutant or pollutant property | Pretreatment standards for existing sources | |
|---------------------------------|---|---|
| | Maximum for any 1 day | Average of daily values for 30 consecutive days |
| | Kg/kg (pounds per 1,000 lb) of product | |
| Lead | 0.0000939 | 0.0000313 |
| Zinc | 0.000141 | 0.0000469 |