

**§ 421.44**

equivalent to the volume of precipitation that falls within the impoundment in excess of that attributable to the 25-year, 24-hour rainfall event, when such event occurs.

[49 FR 8800, Mar. 8, 1984; 49 FR 26739, June 29, 1984]

**§ 421.44 Standards of performance for new sources.**

Any new source subject to this subpart shall achieve the following new source performance standards: There shall be discharge of process wastewater pollutants into navigable waters.

**§ 421.45 [Reserved]**

**§ 421.46 Pretreatment standards for new sources.**

Except as provided in 40 CFR 403.7, any new source subject to this subpart which introduces pollutants into 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 primary copper smelting process wastewater introduced into a POTW shall not exceed the following values: There shall be no discharge of process wastewater pollutants into a publicly owned treatment works.

**§ 421.47 [Reserved]**

**Subpart E—Primary Electrolytic Copper Refining Subcategory**

SOURCE: 49 FR 8801, Mar. 8, 1984, unless otherwise noted.

**§ 421.50 Applicability: Description of the primary electrolytic copper refining subcategory.**

The provisions of this subpart apply to process wastewater discharges resulting from the electrolytic refining of primary copper, including, but not limited to, anode casting performed at refineries which are not located on-site with a smelter, product casting, and by-product recovery.

**§ 421.51 Specialized definitions.**

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations, and

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methods of analysis set forth in 40 CFR part 401 apply to this subpart.

(b) The term *product* means electrolytically refined copper.

**§ 421.52 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.**

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 (BPT):

**EFFLUENT LIMITATIONS**

Effluent characteristic	Maximum for any 1 day	Average of Daily values for 30 consecutive days shall not exceed
	(Metric units, kg/kg of product; English units, pounds per 1,000 lb of product)	
Total suspended solids .....	0.100	0.050
Copper .....	0.0017	0.0008
Cadmium .....	0.00006	0.00003
Lead .....	0.0006	0.0026
Zinc .....	0.0012	0.0003
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 6.0 to 9.0.

**§ 421.53 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.**

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable:

(a) Subpart E—Casting Contact Cooling.

**BAT EFFLUENT LIMITATIONS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of copper cast	
Arsenic .....	.692	.309
Copper .....	.638	.304