

Environmental Protection Agency

§ 421.56

NSPS—Continued

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
Copper .....	.638	.304
Nickel .....	.274	.184
Total suspended solids	7.470	5.976
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(b) Subpart E—Anode and Cathode Rinse.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of cathode copper production	
Arsenic .....	.000	.000
Copper .....	.000	.000
Nickel .....	.000	.000
Total suspended solids .....	.000	.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(c) Subpart E—Spent Electrolyte.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of copper cathode production	
Arsenic .....	.068	.031
Copper .....	.063	.030
Nickel .....	.027	.018
Total suspended solids .....	.735	.588
pH	(¹)	(¹)

¹ Within the range 7.5 to 10.0 at all times.

(d) Subpart E—Casting Wet Air Pollution Control.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of casting production	
Arsenic .....	.000	.000
Copper .....	.000	.000
Nickel .....	.000	.000
Total suspended solids .....	.000	.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

(e) Subpart E—By-Product Recovery.

NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of product recovered from electrolytic slimes processing	
Arsenic .....	.000	.000
Copper .....	.000	.000
Nickel .....	.000	.000
Total suspended solids .....	.000	.000
pH	(¹)	(¹)

¹ Within the range of 7.5 to 10.0 at all times.

[49 FR 8801, Mar. 8, 1984, as amended at 49 FR 29795, July 24, 1984]

§ 421.55 [Reserved]

§ 421.56 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 electrolytic copper refining process wastewater introduced into a POTW shall not exceed the following values:

(a) Subpart E—Casting Contact Cooling.

PSNS

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
Nickel .....	.274	.184

(b) Subpart E—Anode and Cathode Rinse.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of cathode copper production	
Arsenic000	.000
Copper000	.000
Nickel000	.000

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(c) Subpart E—Spent Electrolyte.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of cathode copper production	
Arsenic .....	.068	.031
Copper .....	.063	.030
Nickel .....	.027	.018

(d) Subpart E—Casting Wet Air Pollution Control.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of casting production	
Arsenic .....	.000	.000
Copper .....	.000	.000
Nickel .....	.000	.000

(e) Subpart E—By-Product Recovery.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of product recovered from electrolytic slimes processing	
Arsenic .....	.000	.000
Copper .....	.000	.000
Nickel .....	.000	.000

[49 FR 8801, Mar. 8, 1984, as amended at 49 FR 29795, July 24, 1984]

§ 421.57 [Reserved]

Subpart F—Secondary Copper Subcategory

SOURCE: 49 FR 8802, Mar. 8, 1984, unless otherwise noted.

§ 421.60 Applicability: Description of the secondary copper subcategory.

The provisions of this subpart are applicable to discharges resulting from the recovery, processing, and remelting

of new and used copper scrap and residues to produce copper metal and copper alloys, but are not applicable to continuous rod casting.

§ 421.61 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

(b) For all impoundments constructed prior to the effective date of this regulation the term “within the impoundment” when used for purposes of calculating the volume of process wastewater which may be discharged shall mean the water surface area within the impoundment at maximum capacity plus the surface area of the inside and outside slopes of the impoundment dam as well as the surface area between the outside edge of the impoundment dam and any seepage ditch immediately adjacent to the dam upon which rain falls and is returned to the impoundment. For the purpose of such calculations, the surface area allowances set forth above shall not be more than 30 percent of the water surface area within the impoundment dam at maximum capacity.

(c) For all impoundments constructed on or after the effective date of this regulation, the term “within the impoundment” for purposes of calculating the volume of process wastewater which may be discharged shall mean the water surface area within the impoundment at maximum capacity.

(d) The term *pond water surface area* when used for the purpose of calculating the volume of wastewater which may be discharged shall mean the water surface area of the pond created by the impoundment for storage of process wastewater at normal operating level. This surface shall in no case be less than one-third of the surface area of the maximum amount of water which could be contained by the impoundment. The normal operating level shall be the average level of the pond during the preceding calendar month.