

Environmental Protection Agency

§ 421.212

§ 421.205 [Reserved]

§ 421.207 [Reserved]

§ 421.206 Pretreatment standards for new sources.

Subpart S—Primary Molybdenum and Rhenium Subcategory

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 secondary mercury process wastewater introduced into a POTW shall not exceed the following values:

SOURCE: 50 FR 38355, Sept. 20, 1985, unless otherwise noted.

(a) Spent battery electrolyte.

PSNS FOR THE SECONDARY MERCURY SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of mercury produced from batteries	
Lead	0.030	0.014
Mercury	0.016	0.006

§ 421.210 Applicability: Description of the primary molybdenum and rhenium subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of molybdenum and rhenium facilities.

§ 421.211 Specialized definitions.

For the purpose of this subpart the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

(b) Acid wash and rinse water.

PSNS FOR THE SECONDARY MERCURY SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of mercury washed and rinsed	
Lead	0.00056	0.00026
Mercury	0.00030	0.00012

§ 421.212 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 shall achieve the following effluent limitation representing the degree of effluent reduction attainable by the application of the best practicable technology currently available:

(a) Molybdenum sulfide leachate.

BPT LIMITATIONS FOR THE PRIMARY MOLYBDENUM RHENIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum monthly average
	mg/kg (pounds per million pounds) of molybdenum sulfide leached	
Arsenic	0.968	0.431
Lead	0.195	0.093
Nickle	0.889	0.588
Selenium	0.570	0.255
Molybdenum	[Reserved]	[Reserved]
Ammonia (as N)	61.720	27.130
Fluoride	16.210	9.214
Total suspended solids	18.980	9.029
pH	(1)	(1)

(c) Furnance wet air pollution control.

PSNS FOR THE SECONDARY MERCURY SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of mercury processed through furnace	
Lead	0.000	0.000
Mercury	0.000	0.000

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

(b) Roaster SO₂ scrubber.