40 CFR Ch. I (7-1-12 Edition)

§421.207

PSNS FOR THE SECONDARY MERCURY
SUBCATEGORY

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

(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 proc- essed through furnace	
Lead Mercury	0.000 0.000	0.000 0.000

§ 421.207 [Reserved]

Subpart S—Primary Molybdenum and Rhenium Subcategory

Source: $50 \, \mathrm{FR} \, 38355$, Sept. 20, 1985, unless otherwise noted.

§ 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.

§ 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 av- erage
		ds per million molybdenum hed
Arsenic Lead Nickle Selenium Molybdenum Ammonia (as N) Fluoride Total suspended solids pH	0.968 0.195 0.889 0.570 [Reserved] 61.720 16.210 18.980 (1)	0.431 0.093 0.588 0.255 [Reserved]. 27.130 9.214 9.029 (1)

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

(b) Roaster SO₂ scrubber.

BPT LIMITATIONS FOR THE PRIMARY MOLYBDENUM AND RHENIUM SUBCATEGORY

Pollutant of pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pound pounds) of sulfide roas	molybdenum
Arsenic Lead Nickel Selenium Molybdenum Ammonia (as N) Fluoride Total suspended solids pH	3.509 0.705 3.224 2.065 [Reserved] 223.800 58.770 68.840 (¹)	1.561 0.336 2.133 0.924 [Reserved]. 98.390 33.410 32.740 (1)

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

(c) Molybdic oxide leachate.

BPT LIMITATIONS FOR THE PRIMARY MOLYBDENUM AND RHENIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	pounds) of	ds per million molybdenum in molybdic ed
Arsenic Lead Nickel Selenium Molybdenum Ammonia (as N) Fluoride Total suspended solids pH	24.210 4.865 22.240 14.250 [Reserved] 1,544.000 405.400 474.900 (¹)	10.770 2.317 14.710 6.371 [Reserved] 678.800 230.500 225.900 (¹)

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

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(d) Hydrogen reduction furnace scrubber.

BPT LIMITATIONS FOR THE PRIMARY MOLYBDENUM AND RHENIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
		ds per million molybdenum er produced
Arsenic Lead	47.860 9.617 43.970 28.170 [Reserved] 3,052.000 801.400	21.300 4.580 29.080 12.600 [Reserved] 1,342.000 455.700
Total suspended solidspH	938.800 (¹)	446.500 (¹)

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

(e) Depleted rhenium scrubbing solution.

BPT LIMITATIONS FOR THE PRIMARY
MOLYBDENUM AND RHENIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pound pounds) of sulfide roas	molybdenum
Arsenic	1.497	0.666
		1
Lead	0.301	0.143
Nickel	1.375	0.909
Selenium	0.881	0.394
Molybdenum	[Reserved]	[Reserved]
Ammonia (as N)	95.440	41.960
Fluoride	25.060	14.250
Total suspended solids	29.360	13.960
pH	(1)	(1)

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

 $[50~{\rm FR}~38355,~{\rm Sept.}~20,~1985,~{\rm as~amended}~{\rm at}~55~{\rm FR}~31701,~{\rm Aug.}~3,~1990]$

§ 421.213 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 appli-

cation of the best available technology economically achievable:

(a) Molybdenum sulfide leachate.

BAT LIMITATIONS FOR THE PRIMARY MOLYBDENUM AND RHENIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
		inds million molybdenum hed
Arsenic Lead Nickel Selenium Molybdenum Ammonia (as N) Fluoride	0.644 0.130 0.255 0.380 [Reserved] 61.720 16.210	0.287 0.060 0.171 0.171 [Reserved] 27.130 9.214

(b) Roaster SO₂ scrubber.

BAT LIMITATIONS FOR THE PRIMARY MOLYBDENUM AND RHENIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pound pounds) of sulfide roas	molybdenum
Arsenic	2.334 0.470 0.924 1.377 [Reserved]	1.041 0.218 0.621 0.621 [Reserved]
Ammonia (as N)Fluoride	223.800 58.770	98.390 33.410

(c) Molybdic oxide leachate.

BAT LIMITATIONS FOR THE PRIMARY MOLYBDENUM AND RHENIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per/million pounds) of molybdenum contained in molybdic oxide leached	
Arsenic Lead Nickel Selenium Molybdenum Ammonia (as N) Fluoride	16.100 3.244 6.371 9.499 [Reserved] 1,544.000 405.400	7.182 1.506 4.286 4.286 [Reserved] 678.800 230.500

(d) Hydrogen reduction furnace scrubber.