

Environmental Protection Agency

§ 421.222

PSNS 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 sulfide roasted	
Arsenic	0.995	0.444
Lead	0.201	0.093
Nickel	0.394	0.265
Selenium	0.587	0.265
Molybdenum	[Reserved]	[Reserved]
Ammonia (as N)	95.440	41.960
Fluoride	25.060	14.250

[50 FR 38355, Sept. 20, 1985, as amended at 55 FR 31702, 31703, Aug. 3, 1990]

§ 421.217 [Reserved]

Subpart T—Secondary Molybdenum and Vanadium Subcategory

SOURCE: 50 FR 38357, Sept. 20, 1985, unless otherwise noted.

§ 421.220 Applicability: Description of the secondary molybdenum and vanadium subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of molybdenum or vanadium by secondary molybdenum and vanadium facilities.

§ 421.221 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.

§ 421.222 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 limitations representing the degree of effluent reduction attainable by the application of the best practicable technology currently available:

(a) Leach tailings.

BPT LIMITATIONS FOR THE SECONDARY MOLYBDENUM AND VANADIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of technical grade molybdenum plus vanadium plus pure grade molybdenum produced	
Arsenic	40.778	18.145
Chromium	8.585	3.512
Lead	8.195	3.902
Nickel	37.460	24.779
Iron	23.410	11.902
Molybdenum	[Reserved]	[Reserved]
Ammonia (as N)	8078.000	3551.000
Total Suspended Solids	799.950	380.460
pH	(¹)	(¹)

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

(b) Molybdenum filtrate solvent extraction raffinate.

BPT LIMITATIONS FOR THE SECONDARY MOLYBDENUM AND VANADIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of technical grade molybdenum plus vanadium plus pure grade molybdenum produced	
Arsenic	121.720	54.162
Chromium	25.625	10.483
Lead	24.460	11.648
Nickel	111.819	73.964
Iron	69.887	35.526
Molybdenum	[Reserved]	[Reserved]
Ammonia (as N)	24114.000	10600.000
Total Suspended Solids	2387.800	1135.660
pH	(¹)	(¹)

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

(c) Vanadium decomposition wet air pollution control.

BPT LIMITATIONS FOR THE SECONDARY MOLYBDENUM AND VANADIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of vanadium produced by decomposition	
Arsenic	0.000	0.000
Chromium	0.000	0.000
Lead	0.000	0.000
Nickel	0.000	0.000
Iron	0.000	0.000