

Environmental Protection Agency

§ 421.312

§ 421.311 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.

§ 421.312 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) Tungsten detergent wash and rinse.

BPT LIMITATIONS FOR THE SECONDARY TUNGSTEN AND COBALT SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of tungsten scrap washed	
Copper	0.371	0.195
Nickel	0.374	0.248
Ammonia (as N)	25.990	11.430
Cobalt	0.768	0.337
Tungsten	1.357	0.542
Oil and grease	3.900	2.340
Total suspended solids	7.995	3.803
pH	(¹)	(¹)

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

(b) Tungsten leaching acid.

BPT LIMITATIONS FOR THE SECONDARY TUNGSTEN AND COBALT SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of tungsten produced	
Copper	4.885	2.571
Nickel	4.937	3.265
Ammonia (as N)	342.700	150.700
Cobalt	10.130	4.448
Tungsten	17.890	7.147
Oil and grease	51.420	30.850
Total suspended solids	105.400	50.140
pH	(¹)	(¹)

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

(c) Tungsten post-leaching wash and rinse.

BPT LIMITATIONS FOR THE SECONDARY TUNGSTEN AND COBALT SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of tungsten produced	
Copper	9.772	5.143
Nickel	9.875	6.532
Ammonia (as N)	685.600	301.400
Cobalt	20.263	8.897
Tungsten	35.800	14.300
Oil and grease	102.900	61.720
Total suspended solids	210.900	100.300
pH	(¹)	(¹)

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

(d) Synthetic scheelite filtrate.

BPT LIMITATIONS FOR THE SECONDARY TUNGSTEN AND COBALT SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of synthetic scheelite produced	
Copper	31.660	16.660
Nickel	31.990	21.160
Ammonia (as N)	2,221.000	976.300
Cobalt	65.644	28.824
Tungsten	116.000	46.320
Oil and grease	333.200	200.000
Total suspended solids	683.100	324.900
pH	(¹)	(¹)

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

(e) Tungsten carbide leaching wet air pollution control.

BPT LIMITATIONS FOR THE SECONDARY TUNGSTEN AND COBALT SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of tungsten carbide scrap leached	
Copper	3.327	1.751
Nickel	3.362	2.224
Ammonia (as N)	233.400	102.600
Cobalt	6.899	3.029
Tungsten	12.190	4.868
Oil and grease	35.020	21.010
Total suspended solids	71.790	34.150
pH	(¹)	(¹)

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

(f) Tungsten carbide wash water.