

§ 421.136

40 CFR Ch. I (7-1-08 Edition)

PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.000	.000
Arsenic .....	.000	.000
Lead .....	.000	.000
Zinc .....	.000	.000
Ammonia (as N) .....	.000	.000

(h) Subpart M—Battery Case Classification.

PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead scrap produced	
Antimony .....	.000	.000
Arsenic .....	.000	.000
Lead .....	.000	.000
Zinc .....	.000	.000
Ammonia (as N) .....	.000	.000

(i) Subpart M—Employee Handwash.

PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.052	.023
Arsenic .....	.038	.015
Lead .....	.008	.004
Zinc .....	.028	.011
Ammonia (as N) .....	.000	.000

(j) Subpart M—Employee Respirator Wash.

PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.085	.038
Arsenic .....	.061	.025
Lead .....	.012	.006
Zinc .....	.045	.018
Ammonia (as N) .....	.000	.000

(k) Subpart M—Laundering of Uniforms.

PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.247	.110
Arsenic .....	.178	.073
Lead .....	.036	.017
Zinc .....	.131	.054
Ammonia (as N) .....	.000	.000

§ 421.136 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 secondary lead process wastewater introduced into a POTW shall not exceed the following values:

(a) Subpart M—Battery Cracking.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead scrap produced	
Antimony .....	1.299	.579
Arsenic .....	.936	.384
Lead .....	.189	.087
Zinc .....	.687	.283
Ammonia (as N) .....	.000	.000

(b) Subpart M—Blast, Reverberatory, or Rotary Furnace 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 lead produced from smelting	
Antimony .....	5.038	2.245
Arsenic .....	3.628	1.488
Lead .....	.731	.339
Zinc .....	2.662	1.096
Ammonia (as N) .....	.000	.000

(c) Subpart M—Kettle Wet Air Pollution Control.

**Environmental Protection Agency**

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**PSNS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from refining	
Antimony .....	.000	.000
Arsenic .....	.000	.000
Lead .....	.000	.000
Zinc .....	.000	.000
Ammonia (as N) .....	.000	.000

(d) Subpart M—Lead Paste Desulfurization.

**PSNS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead processed through desulfurization	
Antimony .....	.000	.000
Arsenic .....	.000	.000
Lead .....	.000	.000
Zinc .....	.000	.000
Ammonia (as N) .....	.000	.000

(e) Subpart M—Casting Contact Cooling.

**PSNS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead cast	
Antimony .....	.042	.019
Arsenic .....	.031	.013
Lead .....	.006	.003
Zinc .....	.022	.009
Ammonia (as N) .....	.000	.000

(f) Subpart M—Truck Wash.

**PSNS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.041	.018
Arsenic .....	.029	.012
Lead .....	.006	.003
Zinc .....	.021	.009
Ammonia (as N) .....	.000	.000

(g) Subpart M—Facility Washdown.

**PSNS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from refining	
Antimony .....	.000	.000
Arsenic .....	.000	.000
Lead .....	.000	.000
Zinc .....	.000	.000
Ammonia (as N) .....	.000	.000

(h) Subpart M—Battery Case Classification.

**PSNS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead scrap produced	
Antimony .....	.000	.000
Arsenic .....	.000	.000
Lead .....	.000	.000
Zinc .....	.000	.000
Ammonia (as N) .....	.000	.000

(i) Subpart M—Employee Handwash.

**PSNS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.052	.023
Arsenic .....	.038	.015
Lead .....	.008	.004
Zinc .....	.028	.011
Ammonia (as N) .....	.000	.000

(j) Subpart M—Employee Respirator Wash.

**PSNS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of lead produced from smelting	
Antimony .....	.085	.038
Arsenic .....	.061	.025
Lead .....	.012	.006
Zinc .....	.045	.018
Ammonia (as N) .....	.000	.000

(k) Subpart M—Laundering of Uniforms.

§ 421.137

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
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Lead .....	.036	.017
Zinc .....	.131	.054
Ammonia (as N) .....	.000	.000

§ 421.137 [Reserved]

**Subpart N—Primary Antimony Subcategory**

SOURCE: 50 FR 38345, Sept. 20, 1985, unless otherwise noted.

**§ 421.140 Applicability: Description of the primary antimony subcategory.**

The provisions of this subpart are applicable to discharges resulting from the production of antimony at primary antimony facilities.

**§ 421.141 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.

**§ 421.142 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 control technology currently available:

(a) Sodium Antimonate Autoclave Wastewater.

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BPT LIMITATIONS FOR THE PRIMARY ANTIMONY SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of antimony contained in sodium antimonate product	
Antimony .....	44.840	20.000
Arsenic .....	32.650	14.530
Mercury .....	3.906	1.562
Total suspended solids .....	640.600	304.700
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(b) Fouled anolyte.

BPT LIMITATIONS FOR THE PRIMARY ANTIMONY SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of antimony metal produced by electrowinning	
Antimony .....	44.840	20.000
Arsenic .....	32.650	14.530
Mercury .....	3.906	1.562
Total suspended solids .....	640.600	304.700
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

(c) Cathode Antimony Wash Water.

BPT LIMITATIONS FOR THE PRIMARY ANTIMONY SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of antimony metal produced by electrowinning	
Antimony .....	89.680	40.000
Arsenic .....	65.310	29.060
Mercury .....	7.812	3.125
Total suspended solids .....	1,281.000	609.300
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 7.5 to 10.0 at all times.

**§ 421.143 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