

§ 471.13

40 CFR Ch. I (7-1-04 Edition)

SUBPART A—BAT

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth swaged with emulsion	
Antimony .....	0.005	0.002
Lead .....	0.0008	0.0004

(o) *Degreasing spent solvents—Subpart A—BAT.* There shall be no discharge of process wastewater pollutants.

[50 FR 34270, Aug. 23, 1985; 51 FR 2884, Jan. 22, 1986]

§ 471.13 **New source performance standards (NSPS).**

Any new source subject to this subpart must achieve the following new source performance standards. The mass of pollutants in the lead-tin-bismuth forming operations' process wastewater shall not exceed the following values:

(a) *Rolling spent emulsions.*

SUBPART A—NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth rolled with emulsions	
Antimony .....	0.067	0.030
Lead .....	0.010	0.005
Oil and grease .....	0.468	0.281
TSS .....	0.960	0.457
pH .....		( <sup>1</sup> )

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

(b) *Rolling spent soap solutions.*

SUBPART A—NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth rolled with soap solutions	
Antimony .....	0.120	0.055
Lead .....	0.018	0.009
Oil and grease .....	0.860	0.520
TSS .....	1.80	0.840
pH .....		( <sup>1</sup> )

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

(c) *Drawing spent neat oils—Subpart A—NSPS.* There shall be no discharge of process wastewater pollutants.

(d) *Drawing spent emulsions.*

SUBPART A—NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth drawn with emulsions	
Antimony .....	0.076	0.034
Lead .....	0.011	0.005
Oil and grease .....	0.526	0.316
TSS .....	1.087	0.513
pH .....		( <sup>1</sup> )

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

(e) *Drawing spent soap solutions.*

SUBPART A—NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth drawn with soap solutions	
Antimony .....	0.022	0.010
Lead .....	0.003	0.002
Oil and grease .....	0.149	0.090
TSS .....	0.306	0.146
pH .....		( <sup>1</sup> )

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

(f) *Extrusion press and solution heat treatment contact cooling water.*

SUBPART A—NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth heat treated	
Antimony .....	0.414	0.185
Lead .....	0.061	0.030
Oil and grease .....	2.80	1.72
TSS .....	5.91	2.81
pH .....		( <sup>1</sup> )

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

(g) *Extrusion press hydraulic fluid leakage.*

**Environmental Protection Agency**

**§ 471.13**

**SUBPART A—NSPS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth extruded	
Antimony .....	0.158	0.071
Lead .....	0.023	0.011
Oil and grease .....	1.10	0.660
TSS .....	2.26	1.07
pH .....		( <sup>1</sup> )

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

(h) *Continuous strip casting contact cooling water.*

**SUBPART A—NSPS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth cast by the continuous strip method	
Antimony .....	0.003	0.001
Lead .....	0.0004	0.0002
Oil and grease .....	0.020	0.012
TSS .....	0.041	0.020
pH .....		( <sup>1</sup> )

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

(i) *Semi-continuous ingot casting contact cooling water.*

**SUBPART A—NSPS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth ingot cast by the semi-continuous method	
Antimony .....	0.009	0.004
Lead .....	0.001	0.0006
Oil and grease .....	0.059	0.036
TSS .....	0.121	0.058
pH .....		( <sup>1</sup> )

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

(j) *Shot casting contact cooling water.*

**SUBPART A—NSPS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth shot cast	
Antimony .....	0.107	0.048
Lead .....	0.016	0.008
Oil and grease .....	0.746	0.448
TSS .....	1.53	0.728
pH .....		( <sup>1</sup> )

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

(k) *Shot-forming wet air pollution control scrubber blowdown.*

**SUBPART A—NSPS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth shot formed	
Antimony .....	0.169	0.076
Lead .....	0.025	0.012
Oil and grease .....	1.18	0.706
TSS .....	2.41	1.15
pH .....		( <sup>1</sup> )

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

(l) *Alkaline cleaning spent baths.*

**SUBPART A—NSPS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth alkaline cleaned	
Antimony .....	0.345	0.154
Lead .....	0.051	0.024
Oil and grease .....	2.40	1.44
TSS .....	4.92	2.34
pH .....		( <sup>1</sup> )

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

(m) *Alkaline cleaning rinse.*

**SUBPART A—NSPS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth alkaline cleaned	
Antimony .....	0.678	0.302
Lead .....	0.099	0.047
Oil and grease .....	4.72	2.84
TSS .....	9.68	4.60
pH .....		( <sup>1</sup> )

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

§ 471.14

40 CFR Ch. I (7-1-04 Edition)

(n) *Swaging spent emulsions.*

SUBPART A—NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth swaged with emulsion	
Antimony .....	0.005	0.002
Lead .....	0.0008	0.0004
Oil and grease .....	0.036	0.022
TSS .....	0.073	0.035
pH .....		( <sup>1</sup> )

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

(o) *Degreasing spent solvents—Subpart A—NSPS.* There shall be no discharge of process wastewater pollutants.

[50 FR 34270, Aug. 23, 1985; 51 FR 2884, Jan. 22, 1986]

§ 471.14 Pretreatment standards for existing sources (PSES).

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and by August 23, 1988, achieve the pretreatment standards for existing sources (PSES). The mass of wastewater pollutants in lead-tin-bismuth forming process wastewater introduced into a POTW shall not exceed the following values:

(a) *Rolling spent emulsions.*

SUBPART A—PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth rolled with emulsions	
Antimony .....	0.067	0.030
Lead .....	0.010	0.005

(b) *Rolling spent soap solutions.*

SUBPART A—PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth rolled with soap solutions	
Antimony .....	0.120	0.055
Lead .....	0.018	0.009

(c) *Drawing spent neat oils—Subpart A—PSES.* There shall be no discharge of process wastewater pollutants.

(d) *Drawing spent emulsions.*

SUBPART A—PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth drawn with emulsions	
Antimony .....	0.076	0.034
Lead .....	0.011	0.005

(e) *Drawing spent soaps solutions.*

SUBPART A—PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth drawn with soap solutions	
Antimony .....	0.022	0.010
Lead .....	0.003	0.002

(f) *Extrusion press and solution heat treatment contact cooling water.*

SUBPART A—PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth heat treated	
Antimony .....	0.414	0.185
Lead .....	0.061	0.029

(g) *Extrusion press hydraulic fluid leakage.*

SUBPART A—PSES

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (pounds per million off-pounds) of lead-tin-bismuth extruded	
Antimony .....	0.158	0.071
Lead .....	0.023	0.011

(h) *Continuous strip casting contact cooling water.*