

**Environmental Protection Agency**

**§ 421.76**

**PSES**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of blast furnace lead bullion produced	
Lead .....	.000	.000
Zinc .....	.000	.000

(g) Subpart G—Hard Lead Refining Slag Granulation.

**PSES**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of hard lead produced	
Lead .....	.000	.000
Zinc .....	.000	.000

(h) Subpart G—Hard Lead Refining Wet Air Pollution Control.

**PSES**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of hard lead produced	
Lead .....	.000	.000
Zinc .....	.000	.000

(i) Subpart G—Facility Washdown.

**PSES**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of lead bullion produced.	
Lead .....	.000	.000
Zinc .....	.000	.000

(j) Subpart G—Employee Handwash.

**PSES**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of lead bullion produced	
Lead .....	.924	.429
Zinc .....	3.366	1.386

(k) Subpart G—Respirator Wash.

**PSES**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of lead bullion produced	
Lead .....	1.484	.689
Zinc .....	5.406	2.226

(l) Subpart G—Laundering of Uniforms.

**PSES**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of lead bullion produced	
Lead .....	4.340	2.015
Zinc .....	15.810	6.510

**§ 421.76 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 primary lead process wastewaters introduced into a POTW shall not exceed the following values.

(a) Subpart G—Sinter Plant Materials Handling Wet Air Pollution Control.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of sinter production	
Lead .....	.000	.000
Zinc .....	.000	.000

(b) Subpart G—Blast Furnace Wet Air Pollution Control.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of blast furnace lead bullion produced	
Lead .....	.000	.000
Zinc .....	.000	.000

(c) Subpart G—Blast Furnace Slag Granulation.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of blast furnace lead bullion produced	
Lead .....	.000	.000
Zinc .....	.000	.000

(d) Subpart G—Dross Reverberatory Slag Granulation.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of slag, speiss, or matte granulated	
Lead .....	.000	.000
Zinc .....	.000	.000

(e) Subpart G—Dross Reverberatory Furnace Wet Air Pollution Control.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of dross reverberatory furnace production	
Lead .....	.000	.000
Zinc .....	.000	.000

(f) Subpart G—Zinc Fuming Wet Air Pollution Control.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of blast furnace lead bullion produced	
Lead .....	.000	.000
Zinc .....	.000	.000

(g) Subpart G—Hard Lead Refining Slag Granulation.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of hard lead produced	
Lead .....	.000	.000
Zinc .....	.000	.000

(h) Subpart G—Hard Lead Refining Wet Air Pollution Control.

PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of hard lead produced	
Lead .....	.000	.000
Zinc .....	.000	.000

(i) Subpart G—Facility Washdown.

**Environmental Protection Agency**

**§ 421.82**

**PSNS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of lead bullion produced	
Lead .....	.000	.000
Zinc .....	.000	.000

(j) Subpart G—Employee Handwash.

**PSNS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of lead bullion produced	
Lead .....	.924	.429
Zinc .....	3.366	1.386

(k) Subpart G—Respirator Wash.

**PSNS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of lead bullion produced	
Lead .....	1.484	.689
Zinc .....	5.406	2.226

(l) Subpart G—Laundering of Uniforms.

**PSNS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per billion pounds) of lead bullion produced	
Lead .....	4.340	2.015
Zinc .....	15.810	6.510

**§ 421.77 [Reserved]**

**Subpart H—Primary Zinc Subcategory**

SOURCE: 49 FR 8808, Mar. 8, 1984, unless otherwise noted.

**§ 421.80 Applicability: Description of the primary zinc subcategory.**

The provisions of this subpart are applicable to discharges resulting from the production of primary zinc by either electrolytic or pyrolytic means.

**§ 421.81 Specialized definitions.**

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

(b) The term *product* shall mean zinc metal.

**§ 421.82 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:

**EFFLUENT LIMITATIONS**

Effluent characteristics	Maximum for any 1 day	Average of Daily values for 30 consecutive days shall not exceed
	(1) Metric Units (kg/kg of product)	
	(1) English Units (pounds per 1,000 pounds of product)	
TSS .....	0.42	0.21
As .....	0.0016	0.0008
Cd .....	0.008	0.004
Se .....	0.08	0.04
Zn .....	0.08	0.04
pH .....	(1)	(1)

Within the range of 6.0 to 9.0.

[49 FR 8808, Mar. 8, 1984; 49 FR 26739, June 29, 1984]