

**Environmental Protection Agency**

**§ 421.276**

**NSPS FOR THE PRIMARY RARE EARTH METALS  
SUBCATEGORY—Continued**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
Total suspended solids .....	5.430	4.334
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

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

**§ 421.275 Pretreatment standards for existing sources.**

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 achieve the following pretreatment standards for existing sources. The mass of wastewater pollutants in primary rare earth metals process wastewater introduced into a POTW must not exceed the following values:

(a) Dryer vent water quench scrubber.

**PSES FOR THE PRIMARY RARE EARTH METALS  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of mischmetal produced from wet rare earth chlorides	
Hexachlorobenzene .....	0.042	0.042
Chromium (total) .....	1.544	0.626
Lead .....	1.168	0.542
Nickel .....	2.295	1.544

(b) Dryer Vent Caustic Wet Air Pollution Control.

**PSES FOR THE PRIMARY RARE EARTH METALS  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of mischmetal produced from wet rare earth chlorides	
Hexachlorobenzene .....	0.007	0.007
Chromium (total) .....	0.272	0.110
Lead .....	0.206	0.095
Nickel .....	0.404	0.272

(c) Electrolytic cell water quench and scrubber.

**PSES FOR THE PRIMARY RARE EARTH METALS  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of total mischmetal produced	
Hexachlorobenzene .....	0.094	0.094
Chromium (total) .....	3.474	1.409
Lead .....	2.629	1.221
Nickel .....	5.165	3.474

(d) Electrolytic cell caustic wet air pollution control.

**PSES FOR THE PRIMARY RARE EARTH METALS  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of total mischmetal produced	
Hexachlorobenzene .....	0.000	0.000
Chromium (total) .....	0.000	0.000
Lead .....	0.000	0.000
Nickel .....	0.000	0.000

(e) Sodium hypochlorite filter backwash.

**PSES FOR THE PRIMARY RARE EARTH METALS  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of total mischmetal produced	
Hexachlorobenzene .....	0.004	0.004
Chromium (total) .....	0.134	0.054
Lead .....	0.101	0.047
Nickel .....	0.199	0.134

**§ 421.276 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 rare earth metals process wastewater introduced into a POTW shall not exceed the following values:

§ 421.277

(a) Dryer vent water quench and scrubber.

PSNS FOR THE PRIMARY RARE EARTH METALS SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of mischmetal produced from wet rare earth chlorides	
Hexachlorobenzene .....	0.042	0.042
Chromium (total) .....	1.544	0.626
Lead .....	1.168	0.542
Nickel .....	2.295	1.544

(b) Dryer vent caustic wet air pollution control.

PSNS FOR THE PRIMARY RARE EARTH METALS SUBCATEGORY

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Chromium (total) .....	0.272	0.110
Lead .....	0.206	0.095
Nickel .....	0.404	0.272

(c) Electrolytic cell water quench and scrubber.

PSNS FOR THE PRIMARY RARE EARTH METALS SUBCATEGORY

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	mg/kg (pounds per million pounds) of total mischmetal produced	
Hexachlorobenzene .....	0.094	0.094
Chromium (total) .....	3.474	1.409
Lead .....	2.629	1.221
Nickel .....	5.165	3.474

(d) Electrolytic cell caustic wet air pollution control.

40 CFR Ch. I (7-1-00 Edition)

PSNS FOR THE PRIMARY RARE EARTH METALS SUBCATEGORY

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Hexachlorobenzene .....	0.000	0.000
Chromium (total) .....	0.000	0.000
Lead .....	0.000	0.000
Nickel .....	0.000	0.000

(e) Sodium hypochlorite filter backwash.

PSNS FOR THE PRIMARY RARE EARTH METALS SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of total mischmetal produced	
Hexachlorobenzene .....	0.004	0.004
Chromium (total) .....	0.134	0.054
Lead .....	0.101	0.047
Nickel .....	0.199	0.134

§ 421.277 [Reserved]

Subpart Z—Secondary Tantalum Subcategory

SOURCE: 50 FR 38374, Sept. 20, 1985, unless otherwise noted.

§ 421.280 **Applicability: Description of the secondary tantalum subcategory.**

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

§ 421.281 **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.

§ 421.282 **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