

**Environmental Protection Agency**

**§ 421.245**

**§ 421.240 Applicability: Description of the secondary nickel subcategory.**

The provisions of this subpart are applicable to discharges resulting from the production of nickel by secondary nickel facilities processing slag, spent acids, or scrap metal raw materials.

**§ 421.241 Specialized definitions.**

For the purpose of this subpart the general definitions, abbreviations, and methods of analysis set forth in 40 CFR 401 shall apply to this subpart.

**§§ 421.242–421.243 [Reserved]**

**§ 421.244 Standards of performance for new sources.**

Any new source subject to this subpart shall achieve the following new source performance standards:

- (a) Slag reclaim tailings.

**NSPS FOR THE SECONDARY NICKEL SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of slag input to reclaim process	
Chromium (total) .....	5.653	2.313
Copper .....	24.410	12.850
Nickel .....	24.670	16.320
Total suspended solids .....	526.800	250.500
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

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

- (b) Acid reclaim leaching filtrate.

**NSPS FOR THE SECONDARY NICKEL SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of acid reclaim nickel produced	
Chromium (total) .....	2.198	0.899
Copper .....	9.491	4.995
Nickel .....	9.590	6.344
Total suspended solids .....	204.800	97.400
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

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

- (c) Acid reclaim leaching belt filter backwash.

**NSPS FOR THE SECONDARY NICKEL SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of acid reclaim nickel produced	
Chromium (total) .....	0.528	0.216
Copper .....	2.278	1.199
Nickel .....	2.302	1.523
Total suspended solids .....	49.160	23.380
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

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

**§ 421.245 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 secondary nickel process wastewater introduced into a POTW must not exceed the following values:

- (a) Slag reclaim tailings.

**PSES FOR THE SECONDARY NICKEL SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of slag input to reclaim process	
Chromium (total) .....	5.653	2.313
Copper .....	24.410	12.850
Nickel .....	24.670	16.320

- (b) Acid reclaim leaching filtrate.

**PSES FOR THE SECONDARY NICKEL SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of acid reclaim nickel produced	
Chromium (total) .....	2.198	0.899
Copper .....	9.491	4.995
Nickel .....	9.590	6.344

- (c) Acid reclaim leaching belt filter backwash.

**§ 421.246**

**PSES FOR THE SECONDARY NICKEL  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of acid reclaim nickel produced	
Chromium (total) .....	0.528	0.216
Copper .....	2.278	1.199
Nickel .....	2.302	1.523

**§ 421.246 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 nickel process wastewater introduced into a POTW shall not exceed the following values:

- (a) Slag reclaim tailings.

**PSNS FOR THE SECONDARY NICKEL  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of slag input to reclaim process	
Chromium (total) .....	5.653	2.313
Copper .....	24.410	12.850
Nickel .....	24.670	16.320

- (b) Acid reclaim leaching filtrate.

**PSNS FOR THE SECONDARY NICKEL  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of acid reclaim nickel produced	
Chromium (total) .....	2.198	0.899
Copper .....	9.491	4.995
Nickel .....	9.590	6.344

- (c) Acid reclaim leaching belt filter backwash.

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**PSNS FOR THE SECONDARY NICKEL  
SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of acid reclaim nickel produced	
Chromium (total) .....	0.528	0.216
Copper .....	2.278	1.199
Nickel .....	2.302	1.523

**§ 421.247 [Reserved]**

**Subpart W—Primary Precious Metals and Mercury Subcategory**

SOURCE: 50 FR 38361, Sept. 20, 1985, unless otherwise noted.

**§ 421.250 Applicability: Description of the primary precious metals and mercury subcategory.**

The provisions of this subpart are applicable to discharges resulting from the production of gold, silver, or mercury by primary precious metals and mercury facilities.

**§ 421.251 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.

**§ 421.252 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) Smelter wet air pollution control.