

§ 421.234

BAT LIMITATIONS FOR THE PRIMARY NICKEL AND COBALT SUBCATEGORY—Continued

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|-----------------------|-----------------------------|
| Cobalt | 0.011 | 0.005 |

(b) Nickel wash water.

BAT LIMITATIONS FOR THE PRIMARY NICKEL AND COBALT SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|---|-----------------------------|
| | mg/kg (pounds per million pounds) of nickel powder washed | |
| Copper | 0.043 | 0.021 |
| Nickel | 0.019 | 0.013 |
| Ammonia (as N) | 4.515 | 1.985 |
| Cobalt | 0.005 | 0.002 |

(c) Nickel reduction decant.

BAT LIMITATIONS FOR THE PRIMARY NICKEL AND COBALT SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of nickel produced | |
| Copper | 16.250 | 7.744 |
| Nickel | 6.982 | 4.697 |
| Ammonia (as N) | 1,692.000 | 743.900 |
| Cobalt | 1.777 | 0.889 |

(d) Cobalt reduction decant.

BAT LIMITATIONS FOR THE PRIMARY NICKEL AND COBALT SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of cobalt produced | |
| Copper | 27.390 | 13.050 |
| Nickel | 11.770 | 7.917 |
| Ammonia (as N) | 2,852.000 | 1,254.000 |
| Cobalt | 2.996 | 1.498 |

[50 FR 38359, Sept. 20, 1985; 50 FR 41144, Oct. 9, 1985]

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

§ 421.234 Standards of performance for new sources.

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

(a) Raw Material Dust Control.

NSPS FOR THE PRIMARY NICKEL AND COBALT SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|---|-----------------------------|
| | mg/kg (pounds per million pounds) of copper, nickel, and cobalt in the crushed raw material | |
| Copper | 0.099 | 0.047 |
| Nickel | 0.042 | 0.028 |
| Ammonia (as N) | 10.260 | 4.512 |
| Cobalt | 0.011 | 0.005 |
| Total suspended solids | 1.155 | 0.924 |
| pH | ¹ | ¹ |

¹ Within the range of 7.5 to 10.0 at all times.

(b) Nickel wash water.

NSPS FOR THE PRIMARY NICKEL AND COBALT SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|---|-----------------------------|
| | mg/kg (pounds per million pounds) of nickel powder washed | |
| Copper | 0.043 | 0.021 |
| Nickel | 0.019 | 0.013 |
| Ammonia (as N) | 4.515 | 1.985 |
| Cobalt | 0.005 | 0.002 |
| Total suspended solids | 0.508 | 0.406 |
| pH | ¹ | ¹ |

¹ Within the range of 7.5 to 10.0 at all times.

(c) Nickel reduction decant.

NSPS FOR THE PRIMARY NICKEL AND COBALT SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of nickel produced | |
| Copper | 16.250 | 7.744 |
| Nickel | 6.982 | 4.697 |
| Ammonia (as N) | 1,692.000 | 743.900 |
| Cobalt | 1.777 | 0.889 |
| Total suspended solids | 190.400 | 152.300 |
| pH | ¹ | ¹ |

¹ Within the range of 7.5 to 10.0 at all times.

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(d) Cobalt reduction decant.

NSPS FOR THE PRIMARY NICKEL AND COBALT SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of cobalt produced | |
| Copper | 27.390 | 13.050 |
| Nickel | 11.770 | 7.917 |
| Ammonia (as N) | 2,852.000 | 1,254.000 |
| Cobalt | 2.996 | 1.498 |
| Total suspended solids | 321.000 | 256.800 |
| pH | 1 | 1 |

¹ Within the range of 7.5 to 10.0 at all times.

§ 421.235 [Reserved]

§ 421.236 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 a 40 CFR part 403 and achieve the following pretreatment standards for new sources. The mass of wastewater pollutants in primary nickel and cobalt process wastewater introduced into a POTW shall not exceed the following values:

(a) Raw material dust control.

NSPS FOR THE PRIMARY NICKEL AND COBALT SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|---|-----------------------------|
| | mg/kg (pounds per million pounds) of copper, nickel, and cobalt in the crushed raw material | |
| Copper | 0.099 | 0.047 |
| Nickel | 0.042 | 0.028 |
| Ammonia (as N) | 10.260 | 4.512 |
| Cobalt | 0.011 | 0.005 |

(b) Nickel wash water.

NSPS FOR THE PRIMARY NICKEL AND COBALT SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|---|-----------------------------|
| | mg/kg (pounds per million pounds) of nickel powder washed | |
| Copper | 0.043 | 0.021 |
| Nickel | 0.019 | 0.013 |

PSNS FOR THE PRIMARY NICKEL AND COBALT SUBCATEGORY—Continued

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|-----------------------|-----------------------------|
| Ammonia (as N) | 4.515 | 1.985 |
| Cobalt | 0.005 | 0.002 |

(c) Nickel reduction decant.

PSNS FOR THE PRIMARY NICKEL AND COBALT SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|---|-----------------------------|
| | mg/kg (pounds per million pounds) nickel produced | |
| Copper | 16.250 | 7.744 |
| Nickel | 6.982 | 4.697 |
| Ammonia (as N) | 1,692.000 | 743.900 |
| Cobalt | 1.777 | 0.889 |

(d) Cobalt reduction decant.

NSPS FOR THE PRIMARY NICKEL AND COBALT SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of cobalt produced | |
| Copper | 27.390 | 13.050 |
| Nickel | 11.770 | 7.917 |
| Ammonia (as N) | 2,852.000 | 1,254.000 |
| Cobalt | 2.996 | 1.498 |

§ 421.237 [Reserved]

Subpart V—Secondary Nickel Subcategory

SOURCE: 50 FR 38360, Sept. 20, 1985, unless otherwise noted.

§ 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.