

Environmental Protection Agency

§ 421.134

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|------------------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .085 | .038 |
| Arsenic | .061 | .025 |
| Lead | .012 | .006 |
| Zinc | .045 | .018 |
| Ammonia (as N) | .000 | .000 |

(k) Subpart M—Laundering of Uniforms.

BAT EFFLUENT LIMITATIONS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|------------------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .247 | .110 |
| Arsenic | .178 | .073 |
| Lead | .036 | .017 |
| Zinc | .131 | .054 |
| Ammonia (as N) | .000 | .000 |

§ 421.134 Standards of performance for new sources.

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

(a) Subpart M—Battery Cracking.

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|----------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead scrap produced | |
| Antimony | 1.299 | .579 |
| Arsenic | .936 | .384 |
| Lead | .189 | .087 |
| Zinc | .687 | .283 |
| Ammonia (as N) | .000 | .000 |
| Total suspended solids | 10.100 | 8.076 |
| pH | (¹) | (¹) |

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

(b) Subpart M—Blast, Reverberatory, or Rotary Furnace Wet Air Pollution Control.

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|------------------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | 5.038 | 2.245 |
| Arsenic | 3.628 | 1.488 |
| Lead | .731 | .339 |
| Zinc | 2.662 | 1.096 |
| Ammonia (as N) | 0.000 | 0.000 |
| Total suspended solids | 39.150 | 31.320 |
| pH | (¹) | (¹) |

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

(c) Subpart M—Kettle Wet Air Pollution Control.

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|------------------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from refining | |
| Antimony | .000 | .000 |
| Arsenic | .000 | .000 |
| Lead | .000 | .000 |
| Zinc | .000 | .000 |
| Ammonia (as N) | .000 | .000 |
| Total suspended solids | .000 | .000 |
| pH | (¹) | (¹) |

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

(d) Subpart M—Lead Paste Desulfurization.

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|-----------------------------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead processed through desulfurization | |
| Antimony | .000 | .000 |
| Arsenic | .000 | .000 |
| Lead | .000 | .000 |
| Zinc | .000 | .000 |
| Ammonia (as N) | .000 | .000 |
| Total suspended solids | .000 | .000 |
| pH | (¹) | (¹) |

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

(e) Subpart M—Casting Contact Cooling.

§ 421.134

40 CFR Ch. I (7-1-08 Edition)

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead cast | |
| Antimony | .042 | .019 |
| Arsenic | .031 | .013 |
| Lead | .006 | .003 |
| Zinc | .022 | .009 |
| Ammonia (as N) | .000 | .000 |
| Total suspended solids | .330 | .264 |
| pH | (¹) | (¹) |

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

(f) Subpart M—Truck Wash.

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|------------------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .041 | .018 |
| Arsenic | .029 | .012 |
| Lead | .006 | .003 |
| Zinc | .021 | .009 |
| Ammonia (as N) | .000 | .000 |
| Total suspended solids | .315 | .252 |
| pH | (¹) | (¹) |

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

(g) Subpart M—Facility Washdown.

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|------------------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .000 | .000 |
| Arsenic | .000 | .000 |
| Lead | .000 | .000 |
| Zinc | .000 | .000 |
| Ammonia (as N) | .000 | .000 |
| Total suspended solids | .000 | .000 |
| pH | (¹) | (¹) |

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

(h) Subpart M—Battery Case Classification.

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|----------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead scrap produced | |
| Antimony | .000 | .000 |
| Arsenic | .000 | .000 |

NSPS—Continued

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|-----------------------|-----------------------------|
| Lead | .000 | .000 |
| Zinc | .000 | .000 |
| Ammonia (as N) | .000 | .000 |
| Total suspended solids | .000 | .000 |
| pH | (¹) | (¹) |

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

(i) Subpart M—Employee Handwash.

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|------------------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .052 | .023 |
| Arsenic | .038 | .015 |
| Lead | .008 | .004 |
| Zinc | .028 | .011 |
| Ammonia (as N) | .000 | .000 |
| Total suspended solids | .405 | .324 |
| pH | (¹) | (¹) |

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

(j) Subpart M—Employee Respirator Wash.

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|------------------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .085 | .038 |
| Arsenic | .061 | .025 |
| Lead | .012 | .006 |
| Zinc | .045 | .018 |
| Ammonia (as N) | .000 | .000 |
| Total suspended solids | .660 | .528 |
| pH | (¹) | (¹) |

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

(k) Subpart M—Laundering of Uniforms.

NSPS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|------------------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .247 | .110 |
| Arsenic | .178 | .073 |
| Lead | .036 | .017 |
| Zinc | .131 | .054 |
| Ammonia (as N) | .000 | .000 |
| Total suspended solids | 1.920 | 1.536 |

Environmental Protection Agency

§ 421.135

NSPS—Continued

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|-----------------------|-----------------------------|
| pH | (1) | (1) |

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

[49 FR 8826, Mar. 8, 1984, as amended at 49 FR 29795, July 24, 1984]

§ 421.135 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 lead process wastewater introduced into a POTW shall not exceed the following values:

(a) Subpart M—Battery Cracking.

PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|----------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead scrap produced | |
| Antimony | 1.299 | .579 |
| Arsenic | .936 | .384 |
| Lead | .189 | .087 |
| Zinc | .687 | .283 |
| Ammonia (as N) | .000 | .000 |

(b) Subpart M—Blast, Reverberatory, or Rotary Furnace Wet Air Pollution Control.

PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|------------------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | 5.038 | 2.245 |
| Arsenic | 3.628 | 1.488 |
| Lead | .731 | .339 |
| Zinc | 2.662 | 1.096 |
| Ammonia (as N) | .000 | .000 |

(c) Subpart M—Kettle Wet Air Pollution Control.

PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|------------------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from refining | |
| Antimony | .087 | .039 |
| Arsenic | .063 | .026 |
| Lead | .013 | .006 |
| Zinc | .046 | .019 |
| Ammonia (as N) | .000 | .000 |

(d) Subpart M—Lead Paste Desulfurization.

PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|-----------------------------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead processed through desulfurization | |
| Antimony | .000 | .000 |
| Arsenic | .000 | .000 |
| Lead | .000 | .000 |
| Zinc | .000 | .000 |
| Ammonia (as N) | .000 | .000 |

(e) Subpart M—Casting Contact Cooling.

PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead cast | |
| Antimony | .042 | .019 |
| Arsenic | .031 | .013 |
| Lead | .006 | .003 |
| Zinc | .022 | .009 |
| Ammonia (as N) | .000 | .000 |

(f) Subpart M—Truck Wash.

PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|------------------------------------------------------------------|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .041 | .018 |
| Arsenic | .029 | .012 |
| Lead | .006 | .003 |
| Zinc | .021 | .009 |
| Ammonia (as N) | .000 | .000 |

(g) Subpart M—Facility Washdown.