

§ 437.46

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PERFORMANCE STANDARDS

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
<b>Conventional Parameters</b>		
BOD <sub>5</sub> .....	163	53.0
O&G .....	205	50.2
pH .....	( <sup>2</sup> )	( <sup>2</sup> )
TSS .....	29.6	11.3
<b>Metal Parameters</b>		
Antimony .....	0.111	0.0312
Arsenic .....	0.0993	0.0199
Cadmium .....	0.782	0.163
Chromium .....	0.167	0.0522
Cobalt .....	0.182	0.0703
Copper .....	0.659	0.216
Lead .....	1.32	0.283
Mercury .....	0.000641	0.000246
Nickel .....	0.794	0.309
Selenium .....	0.176	0.0698
Silver .....	0.0318	0.0122
Tin .....	0.0955	0.0367
Titanium .....	0.0159	0.00612
Vanadium .....	0.0628	0.0518
Zinc .....	0.657	0.252
<b>Organic Parameters</b>		
Acetone .....	30.2	7.97
Acetophenone .....	0.114	0.0562
2-Butanone .....	4.81	1.85
<i>o</i> -Cresol .....	1.92	0.561
<i>p</i> -Cresol .....	0.698	0.205
Phenol .....	3.65	1.08
Pyridine .....	0.370	0.182
2,4,6-Trichlorophenol .....	0.155	0.106

<sup>1</sup> mg/L (ppm).  
<sup>2</sup> Within the range 6 to 9.

(2) The following in-plant limitations apply to metal-bearing wastewater containing cyanide:

IN-PLANT LIMITATIONS

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
Cyanide .....	500	178

<sup>1</sup> mg/L (ppm).

(e) *Combined waste receipts from subparts B and C of this part.* As provided in § 437.45(a), any new source subject to this paragraph must achieve the following performance standards:

PERFORMANCE STANDARDS

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
<b>Conventional Parameters</b>		
BOD <sub>5</sub> .....	163	53.0
O&G .....	127	38.0
pH .....	( <sup>2</sup> )	( <sup>2</sup> )
TSS .....	74.1	30.6

PERFORMANCE STANDARDS—Continued

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
<b>Metal Parameters</b>		
Arsenic .....	2.95	1.33
Cadmium .....	0.0172	0.0102
Chromium .....	0.746	0.323
Cobalt .....	56.4	18.8
Copper .....	0.500	0.242
Lead .....	0.350	0.160
Mercury .....	0.0172	0.00647
Tin .....	0.335	0.165
Zinc .....	0.497	0.420
<b>Organic Parameters</b>		
Acetone .....	30.2	7.97
Acetophenone .....	0.114	0.0562
Bis(2-ethylhexyl) phthalate .....	0.215	0.101
2-Butanone .....	4.81	1.85
Butylbenzyl phthalate .....	0.188	0.0887
Carbazole .....	0.598	0.276
<i>o</i> -Cresol .....	1.92	0.561
<i>p</i> -Cresol .....	0.698	0.205
<i>n</i> -Decane .....	0.948	0.437
Fluoranthene .....	0.0537	0.0268
<i>n</i> -Octadecane .....	0.589	0.302
Phenol .....	3.65	1.08
Pyridine .....	0.370	0.182
2,4,6-Trichlorophenol .....	0.155	0.106

<sup>1</sup> mg/L (ppm).  
<sup>2</sup> Within the range 6 to 9.

[65 FR 81300, Dec. 22, 2000, as amended at 68 FR 71025, Dec. 22, 2003]

§ 437.46 Pretreatment standards for existing sources (PSES)

(a) Except as provided in 40 CFR 403.7, 403.13 or 437.40(b), any new source subject to this subpart which combines treated or untreated wastes from subparts A, B, or C of this part may be subject to Multiple Wastestream Subcategory pretreatment standards representing the application of PSES set forth in paragraphs (b), (c), (d), or (e) of this section if the discharger agrees to the following conditions in its permit:

(1) The discharger will meet the applicable Multiple Wastestream

Subcategory standards set forth in paragraphs (b), (c), (d) or (e) of this section;

(2) The discharger will notify its local control authority of its desire to be subject to the Multiple Waste Subcategory by submitting to the local control authority an initial certification statement as described in § 437.41(a);

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(3) The discharger will submit to its local control authority a periodic certification statement as described in §437.41(b) once a year; and

(4) The discharger will maintain at the office of the facility and make available for inspection the on-site compliance paperwork as described in §437.41(c).

(b) *Combined waste receipts from subparts A, B and C of this part.* (1) As provided in §437.46(a), and no later than [Insert date—three years after publication], any existing source subject to this paragraph must achieve the following pretreatment standards:

**PRETREATMENT STANDARDS (PSES)**

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
<b>Metal Parameters</b>		
Antimony .....	0.249	0.206
Arsenic .....	0.162	0.104
Cadmium .....	0.474	0.0962
Chromium .....	0.947	0.487
Cobalt .....	0.192	0.124
Copper .....	0.405	0.301
Lead .....	0.222	0.172
Mercury .....	0.00234	0.000739
Nickel .....	3.95	1.45
Silver .....	0.120	0.0351
Tin .....	0.409	0.120
Titanium .....	0.0947	0.0618
Vanadium .....	0.218	0.0662
Zinc .....	2.87	0.641
<b>Organic Parameters</b>		
Bis(2-ethylhexyl) phthalate ....	0.267	0.158
Carbazole .....	0.392	0.233
n-Decane .....	5.79	3.31
Fluoranthene .....	0.787	0.393
n-Octadecane .....	1.22	0.925
2,4,6-Trichlorophenol .....	0.155	0.106

<sup>1</sup> mg/L (ppm).

(2) The following in-plant limitations apply to metal-bearing wastewater containing cyanide:

**IN-PLANT LIMITATIONS**

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
Cyanide .....	500	178

<sup>1</sup> mg/L (ppm).

(c) *Combined waste receipts from subparts A and B of this part.* (1) As provided in §437.46(a), and no later than December 22, 2003, any existing source

subject to this paragraph must achieve the following pretreatment standards:

**PRETREATMENT STANDARDS (PSES)**

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
<b>Metal Parameters</b>		
Antimony .....	0.249	0.206
Arsenic .....	0.162	0.104
Cadmium .....	0.474	0.0962
Chromium .....	0.947	0.487
Cobalt .....	0.192	0.124
Copper .....	0.405	0.301
Lead .....	0.222	0.172
Mercury .....	0.00234	0.000739
Nickel .....	3.95	1.45
Silver .....	0.120	0.0351
Tin .....	0.409	0.120
Titanium .....	0.0947	0.0618
Vanadium .....	0.218	0.0662
Zinc .....	2.87	0.641
<b>Organic Parameters</b>		
Bis(2-ethylhexyl) phthalate ....	0.267	0.158
Carbazole .....	0.392	0.233
n-Decane .....	5.79	3.31
Fluoranthene .....	0.787	0.393
n-Octadecane .....	1.22	0.925

<sup>1</sup> mg/L (ppm).

(2) The following in-plant limitations apply to metal-bearing wastewater containing cyanide:

**IN-PLANT LIMITATIONS**

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
Cyanide .....	500	178

<sup>1</sup> mg/L (ppm).

(d) *Combined waste receipts from subparts A and C of this part.* (1) As provided in §437.46(a), and no later than December 22, 2003, any existing source subject to this paragraph must achieve the following pretreatment standards:

**PRETREATMENT STANDARDS (PSES)**

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
<b>Metal Parameters</b>		
Antimony .....	0.249	0.206
Arsenic .....	0.162	0.104
Cadmium .....	0.474	0.0962
Chromium .....	15.5	3.07
Cobalt .....	0.192	0.124
Copper .....	4.14	1.06
Lead .....	1.32	0.283
Mercury .....	0.00234	0.000739
Nickel .....	3.95	1.45
Silver .....	0.120	0.0351
Tin .....	0.409	0.120
Titanium .....	0.0947	0.0618

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PRETREATMENT STANDARDS (PSES)—  
Continued

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
Vanadium .....	0.218	0.0662
Zinc .....	2.87	0.641
<b>Organic Parameters</b>		
<i>o</i> -Cresol .....	1.92	0.561
<i>p</i> -Cresol .....	0.698	0.205
2,4,6-Trichlorophenol .....	0.155	0.106

<sup>1</sup> mg/L (ppm).

(2) The following in-plant limitations apply to metal-bearing wastewater containing cyanide:

IN-PLANT LIMITATIONS

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
Cyanide .....	500	178

<sup>1</sup> mg/L (ppm).

(e) *Combined waste receipts from subparts B and C of this part.* As provided in § 437.46(a), and no later than December 22, 2003, any existing source subject to this paragraph must achieve the following pretreatment standards:

PRETREATMENT STANDARDS (PSES)

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
<b>Metal Parameters</b>		
Chromium .....	0.947	0.487
Cobalt .....	56.4	18.8
Copper .....	0.405	0.301
Lead .....	0.222	0.172
Tin .....	0.249	0.146
Zinc .....	6.95	4.46
<b>Organic Parameters</b>		
Bis (2-ethylhexyl) phthalate ...	0.267	0.158
Carbazole .....	0.392	0.233
<i>o</i> -Cresol .....	1.92	0.561
<i>p</i> -Cresol .....	0.698	0.205
<i>n</i> -Decane .....	5.79	3.31
Fluoranthene .....	0.787	0.393
<i>n</i> -Octadecane .....	1.22	0.925
2,4,6-Trichlorophenol .....	0.155	0.106

<sup>1</sup> mg/L (ppm).

[65 FR 81300, Dec. 22, 2000, as amended at 68 FR 71025, Dec. 22, 2003]

§ 437.47 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7 or 437.40(b), any new source subject to this subpart which combines treated or

untreated wastes from subparts A, B, or C of this part may be subject to Multiple Wastestream Subcategory pretreatment standards representing the application of PSNS set forth in paragraphs (b), (c), (d), or (e) of this section if the discharger agrees to the following conditions in its permit:

(1) The discharger will meet the applicable Multiple Wastestream Subcategory standards set forth in paragraphs (b), (c), (d) or (e) of this section;

(2) The discharger will notify its local control authority at the time of submitting its application for an individual control mechanism or pretreatment agreement of its desire to be subject to Multiple Waste Subcategory by submitting to the local control authority an initial certification statement as described in § 437.41(a);

(3) The discharger will submit to its local control authority a periodic certification statements as described in § 437.41(b) once a year; and

(4) The discharger will maintain at the office of the facility and make available for inspection the on-site compliance paperwork as described in § 437.41(c).

(b) *Combined waste receipts from subparts A, B and C of this part.* (1) As provided in § 437.47(a), any new source subject to this paragraph must achieve the following pretreatment standards:

PRETREATMENT STANDARDS (PSNS)

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
<b>Metal Parameters</b>		
Antimony .....	0.249	0.206
Arsenic .....	0.162	0.104
Cadmium .....	0.474	0.0962
Chromium .....	0.746	0.323
Cobalt .....	0.192	0.124
Copper .....	0.500	0.242
Lead .....	0.350	0.160
Mercury .....	0.00234	0.000739
Nickel .....	3.95	1.45
Silver .....	0.120	0.0351
Tin .....	0.409	0.120
Titanium .....	0.0947	0.0618
Vanadium .....	0.218	0.0662
Zinc .....	2.87	0.641
<b>Organic Parameters</b>		
Bis(2-ethylhexyl) phthalate ....	0.215	0.101
Carbazole .....	0.598	0.276
<i>o</i> -Cresol .....	1.92	0.561
<i>p</i> -Cresol .....	0.698	0.205
<i>n</i> -Decane .....	0.948	0.437