

§ 437.47

40 CFR Ch. I (7-1-05 Edition)

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

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**PRETREATMENT STANDARDS (PSNS)—  
Continued**

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
Fluoranthene .....	0.0537	0.0268
n-Octadecane .....	0.589	0.302
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 §437.47(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
n-Decane .....	0.948	0.437
Fluoranthene .....	0.0537	0.0268
n-Octadecane .....	0.589	0.302

<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 §437.47(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 .....	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
Vanadium .....	0.218	0.0662
Zinc .....	2.87	0.641
<b>Organic Parameters</b>		
o-Cresol .....	1.92	0.561
p-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 §437.47(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>		
Chromium .....	0.746	0.323
Cobalt .....	56.4	18.8

PRETREATMENT STANDARDS (PSNS)—  
Continued

Regulated parameter	Maximum daily <sup>1</sup>	Maximum monthly avg. <sup>1</sup>
Copper .....	0.500	0.242
Lead .....	0.350	0.160
Tin .....	0.335	0.165
Zinc .....	8.26	4.50
<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
Fluoranthene .....	0.0537	0.0268
<i>n</i> -Octadecane .....	0.589	0.302
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, 71026, Dec. 22, 2003]

**PART 438—METAL PRODUCTS AND MACHINERY POINT SOURCE CATEGORY**

Sec.

- 438.1 General applicability.
- 438.2 General definitions.

**Subpart A—Oily Wastes**

- 438.10 Applicability.
- 438.12 Effluent limitations attainable by the application of the best practicable control technology currently available (BPT).
- 438.13 Effluent limitations attainable by application of the best control technology for conventional pollutants (BCT).
- 438.15 New source performance standards (NSPS).

APPENDIX A TO PART 438—TYPICAL PRODUCTS IN METAL PRODUCTS AND MACHINERY SECTORS

APPENDIX B TO PART 438—OILY OPERATIONS DEFINITIONS

APPENDIX C TO PART 438—METAL-BEARING OPERATIONS DEFINITIONS

AUTHORITY: 33 U.S.C. 1311, 1314, 1316, 1317, 1318, 1342 and 1361.

SOURCE: 68 FR 25735, May 13, 2003, unless otherwise noted.

**§ 438.1 General applicability.**

(a) As defined more specifically in subpart A, except as provided in paragraphs (b) through (e) of this section, this part applies to process wastewater discharges from oily operations (as defined at § 438.2(f) and appendix B of this

part) to surface waters from existing or new industrial facilities (including facilities owned and operated by Federal, State, or local governments) engaged in manufacturing, rebuilding, or maintenance of metal parts, products, or machines for use in the Metal Product & Machinery (MP&M) industrial sectors listed in this section. The MP&M industrial sectors consist of the following:

- Aerospace;
- Aircraft;
- Bus and Truck;
- Electronic Equipment;
- Hardware;
- Household Equipment;
- Instruments;
- Miscellaneous Metal Products;
- Mobile Industrial Equipment;
- Motor Vehicle;
- Office Machine;
- Ordnance;
- Precious Metals and Jewelry;
- Railroad;
- Ships and Boats; or
- Stationary Industrial Equipment.

(b) The regulations in this part do not apply to process wastewaters from metal-bearing operations (as defined at § 438.2(d) and appendix C of this part) or process wastewaters which are subject to the limitations and standards of other effluent limitations guidelines (e.g., Metal Finishing (40 CFR part 433) or Iron and Steel Manufacturing (40 CFR part 420)). The regulations in this part also do not apply to process wastewaters from oily operations (as defined at § 438.2(f) and appendix B of this part) commingled with process wastewaters already covered by other effluent limitations guidelines or with process wastewaters from metal-bearing operations. This provision must be examined for each point source discharge at a given facility.

(c) Wastewater discharges resulting from the washing of cars, aircraft or other vehicles, when performed only for aesthetic or cosmetic purposes, are not subject to this part. Direct discharges resulting from the washing of cars, aircraft or other vehicles, when performed as a preparatory step prior to one or more successive manufacturing, rebuilding, or maintenance operations, are subject to this part.