

**§ 433.12****40 CFR Ch. I (7-1-06 Edition)**

Naphthalene  
 Nitrobenzene  
 2-Nitrophenol  
 4-Nitrophenol  
 2,4-Dinitrophenol  
 4,6-Dinitro-o-cresol  
 N-nitrosodimethylamine  
 N-nitrosodiphenylamine  
 N-nitrosodi-n-propylamine  
 Pentachlorophenol  
 Phenol  
 Bis (2-ethylhexyl) phthalate  
 Butyl benzyl phthalate  
 Di-n-butyl phthalate  
 Di-n-octyl phthalate  
 Diethyl phthalate  
 Dimethyl phthalate  
 1,2-Benzanthracene  
     (benzo(a)anthracene)  
 Benzo(a)pyrene (3,4-benzopyrene)  
 3,4-Benzofluoranthene (benzo(b)fluoranthene)  
 11,12-Benzofluoranthene  
     (benzo(k)fluoranthene)  
 Chrysene  
 Acenaphthylene  
 Anthracene  
 1,12-Benzoperylene (benzo(ghi)perylene)  
 Fluorene  
 Phenanthrene  
 1,2,5,6-Dibenzanthracene  
     (dibenzo(a,h)anthracene)  
 Indeno(1,2,3-cd) pyrene (2,3-o-phenylene pyrene)  
 Pyrene  
 Tetrachloroethylene  
 Toluene  
 Trichloroethylene  
 Vinyl chloride (chloroethylene)  
 Aldrin  
 Dieldrin  
 Chlordane (technical mixture and metabolites)  
 4,4-DDT  
 4,4-DDE (p,p-DDX)  
 4,4-DDD (p,p-TDE)  
 Alpha-endosulfan  
 Beta-endosulfan  
 Endosulfan sulfate  
 Endrin  
 Endrin aldehyde  
 Heptachlor  
 Heptachlor epoxide  
     (BHC-hexachloro-cyclohexane)  
     Alpha-BHC  
     Beta-BHC  
     Gamma-BHC  
     Delta-BHC  
     (PCB-polychlorinated biphenyls)  
 PCB-1242 (Arochlor 1242)  
 PCB-1254 (Arochlor 1254)  
 PCB-1221 (Arochlor 1221)  
 PCB-1232 (Arochlor 1232)  
 PCB-1248 (Arochlor 1248)  
 PCB-1260 (Arochlor 1260)  
 PCB-1016 (Arochlor 1016)  
 Toxaphene

2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)

[48 FR 32485, July 15, 1983; 48 FR 43682, Sept. 26, 1983, as amended at 51 FR 40421, Nov. 7, 1986]

**§ 433.12 Monitoring requirements.**

(a) In lieu of requiring monitoring for TTO, the permitting authority (or, in the case of indirect dischargers, the control authority) may allow dischargers to make the following certification statement: "Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitation [or pretreatment standard] for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to the permitting [or control] authority." For direct dischargers, this statement is to be included as a "comment" on the Discharge Monitoring Report required by 40 CFR 122.44(i), formerly 40 CFR 122.62(i). For indirect dischargers, the statement is to be included as a comment to the periodic reports required by 40 CFR 403.12(e). If monitoring is necessary to measure compliance with the TTO standard, the industrial discharger need analyze for only those pollutants which would reasonably be expected to be present.

(b) In requesting the certification alternative, a discharger shall submit a solvent management plan that specifies to the satisfaction of the permitting authority (or, in the case of indirect dischargers, the control authority) the toxic organic compounds used; the method of disposal used instead of dumping, such as reclamation, contract hauling, or incineration; and procedures for ensuring that toxic organics do not routinely spill or leak into the wastewater. For direct dischargers, the permitting authority shall incorporate the plan as a provision of the permit.

(c) Self-monitoring for cyanide must be conducted after cyanide treatment and before dilution with other streams. Alternatively, samples may be taken of

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the final effluent, if the plant limitations are adjusted based on the dilution ratio of the cyanide waste stream flow to the effluent flow.

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[48 FR 32485, July 15, 1983; 48 FR 43682, Sept. 26, 1983, as amended at 49 FR 34823, Sept. 4, 1984]

**§ 433.13 Effluent limitations representing the degree of effluent reduction attainable by applying the best practicable control technology currently available (BPT).**

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by applying the best practicable control technology currently available (BPT):

BPT EFFLUENT LIMITATIONS		
Pollutant or pollutant property	Maximum for any 1 day	Monthly average shall not exceed
	Milligrams per liter (mg/l)	
Cadmium (T) .....	0.69	0.26
Chromium (T) .....	2.77	1.71
Copper (T) .....	3.38	2.07
Lead (T) .....	0.69	0.43
Nickel (T) .....	3.98	2.38
Silver (T) .....	0.43	0.24
Zinc (T) .....	2.61	1.48
Cyanide (T) .....	1.20	0.65
TTO .....	2.13	.....
Oil & Grease .....	52	26
TSS .....	60	31
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within 6.0 to 9.0.

(b) Alternatively, for industrial facilities with cyanide treatment, and upon agreement between a source subject to those limits and the pollution control authority, the following amenable cyanide limit may apply in place of the total cyanide limit specified in paragraph (a) of this section:

Pollutant or pollutant property	Maximum for any 1 day	Monthly average shall not exceed
	Milligrams per liter (mg/l)	
Cyanide (A) .....	0.86	0.32

(c) No user subject to the provisions of this subpart shall augment the use of process wastewater or otherwise di-

lute the wastewater as a partial or total substitute for adequate treatment to achieve compliance with this limitation.

**§ 433.14 Effluent limitations representing the degree of effluent reduction attainable by applying the best available technology economically achievable (BAT).**

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by applying the best available technology economically achievable (BAT):

BAT EFFLUENT LIMITATIONS		
Pollutant or pollutant property	Maximum for any 1 day	Monthly average shall not exceed
	Milligrams per liter (mg/l)	
Cadmium (T) .....	0.69	0.26
Chromium (T) .....	2.77	1.71
Copper (T) .....	3.38	2.07
Lead (T) .....	0.69	0.43
Nickel (T) .....	3.98	2.38
Silver (T) .....	0.43	0.24
Zinc (T) .....	2.61	1.48
Cyanide (T) .....	1.20	0.65
TTO .....	2.13	.....

(b) Alternatively, for industrial facilities with cyanide treatment, and upon agreement between a source subject to those limits and the pollution control authority, the following amenable cyanide limit may apply in place of the total cyanide limit specified in paragraph (a) of this section:

Pollutant or pollutant property	Maximum for any 1 day	Monthly average shall not exceed
	Milligrams per liter (mg/l)	
Cyanide (A) .....	0.86	0.32

(c) No user subject to the provisions of this subpart shall augment the use of process wastewater or otherwise dilute the wastewater as a partial or total substitute for adequate treatment to achieve compliance with this limitation.

**§ 433.15 Pretreatment standards for existing sources (PSES).**

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject