

Environmental Protection Agency
§ 439.14

(g) Compliance with the limitation in paragraph (e) or (f) of this section may be achieved by certifying to the permit issuing authority that the facility's manufacturing processes neither use nor generate cyanide.

[63 FR 50426, Sept. 21, 1998]

§ 439.13 Effluent limitations attainable by the application of the best conventional pollutant control technology (BCT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limita-

tions representing the application of BCT: Limitations for BOD_5 , TSS and pH are the same as the corresponding limitations in § 439.12.

[63 FR 50426, Sept. 21, 1998]

§ 439.14 Effluent limitations attainable by the application of best available technology economically achievable (BAT).

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 application of BAT:

Regulated parameter	Effluent limitations ¹	
	Maximum daily discharge	Average monthly discharge must not exceed
1 Ammonia (as N)	84.1	29.4
2 Acetone	0.5	0.2
3 4-Methyl-2-pentanone (MIBK)	0.5	0.2
4 Isobutyraldehyde	1.2	0.5
5 n-Amyl acetate	1.3	0.5
6 n-Butyl acetate	1.3	0.5
7 Ethyl acetate	1.3	0.5
8 Isopropyl acetate	1.3	0.5
9 Methyl formate	1.3	0.5
10 Amyl alcohol	10.0	4.1
11 Ethanol	10.0	4.1
12 Isopropanol	3.9	1.6
13 Methanol	10.0	4.1
14 Methyl Cellosolve	100.0	40.6
15 Dimethyl Sulfoxide	91.5	37.5
16 Triethyl Amine	250.0	102.0
17 Phenol	0.05	0.02
18 Benzene	0.05	0.02
19 Toluene	0.06	0.02
20 Xylenes	0.03	0.01
21 n-Hexane	0.03	0.02
22 n-Heptane	0.05	0.02
23 Methylene chloride	0.9	0.3
24 Chloroform	0.02	0.013
25 1,2-Dichloroethane	0.4	0.1
26 Chlorobenzene	0.15	0.06
27 o-Dichlorobenzene	0.15	0.06
28 Tetrahydrofuran	8.4	2.6
29 Isopropyl ether	8.4	2.6
30 Diethyl amine	250.0	102.0
31 Acetonitrile	25.0	10.2
32 pH	(²)	(²)

¹ Mg/L (ppm).

² Within the range of 6.0–9.0.

(a) The effluent limitations for COD are the same as the corresponding limitations in § 439.12(c) and (d).

(b) The effluent limitations for cyanide are as follows:

Regulated parameter	Effluent limitation ¹	
	Maximum daily discharge	Average monthly discharge must not exceed
Cyanide (T)	33.5	9.4

¹ Mg/L (ppm).

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(c) When monitoring for cyanide at the end-of-pipe is impractical because of dilution by other process wastewaters, compliance with the cyanide effluent limitations in paragraph (b) of this section must be demonstrated at in-plant monitoring points pursuant to 40 CFR 122.44(i) and 122.45(h). Under the same provisions, the permitting authority may impose monitoring requirements on internal wastestreams for any other parameter(s) regulated by this section.

(d) Compliance with the limitation in paragraph (b) or (c) of this section may be achieved by certifying to the permit issuing authority that a facility's manufacturing processes neither use nor generate cyanide.

[63 FR 50426, Sept. 21, 1998; 64 FR 10392, Mar. 4, 1999]

§439.15 Standards of performance for new (point) sources (NSPS).

Any new source subject to this sub-part must achieve the following performance standards:

Regulated parameter	Effluent limitations ¹	
	Maximum daily discharge	Average monthly discharge must not exceed
1 BOD ₅	267	111
2 TSS	472	166
3 COD	1675	856
4 Ammonia (as N)	84.1	29.4
5 Acetone	0.5	0.2
6 4-Methyl-2-pentanone (MIBK)	0.5	0.2
7 Isobutylaldehyde	1.2	0.5
8 n-Amyl acetate	1.3	0.5
9 n-Butyl acetate	1.3	0.5
10 Ethyl acetate	1.3	0.5
11 Isopropyl acetate	1.3	0.5
12 Methyl formate	1.3	0.5
13 Amyl alcohol	10.0	4.1
14 Ethanol	10.0	4.1
15 Isopropanol	3.9	1.6
16 Methanol	10.0	4.1
17 Methyl Cellosolve	100.0	40.6
18 Dimethyl Sulfoxide	91.5	37.5
19 Triethyl Amine	250.0	102.0
20 Phenol	0.05	0.02
21 Benzene	0.05	0.02
22 Toluene	0.06	0.02
23 Xylenes	0.03	0.01
24 n-Hexane	0.03	0.02
25 n-Heptane	0.05	0.02
26 Methylene chloride	0.9	0.3
27 Chloroform	0.02	0.013
28 1,2-Dichloroethane	0.4	0.1
29 Chlorobenzene	0.15	0.06
30 o-Dichlorobenzene	0.15	0.06
31 Tetrahydrofuran	8.4	2.6
32 Isopropyl ether	8.4	2.6
33 Diethyl amine	250.0	102.0
34 Acetonitrile	25.0	10.2
35 pH	(²)	(²)

¹ Mg/L (ppm).

² Within the range of 6.0—9.0.

(a) The performance standards for cyanide are as follows:

Regulated parameter	Performance standards ¹	
	Maximum daily discharge	Average monthly discharge must not exceed
Cyanide (T)	33.5	9.4

¹ Mg/L (ppm).