

Environmental Protection Agency

§ 418.32

§ 418.24 [Reserved]

§ 418.25 Standards of performance for new sources.

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a new source subject to the provisions of this subpart:

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kilograms per 1,000 kg of product)	
Ammonia (as N)	0.11	0.055
pH	(¹)	(¹)
	English units (pounds per 1,000 lb of product)	
Ammonia (as N)	0.11	0.055
pH	(¹)	(¹)

¹ Within the range 6.0 to 9.0.

§ 418.26 Pretreatment standards for new sources.

The pretreatment standards under section 307(c) of the Act for a source within the ammonia subcategory, which is a user of a publicly owned treatment works (and which would be a new source subject to section 306 of the Act, if it were to discharge pollutants to the navigable waters), shall be the standard set forth in 40 CFR part 128, except that, for the purpose of this section, 40 CFR 128.133 shall be amended to read as follows:

In addition to the prohibitions set forth in 40 CFR 128.131, the pretreatment standard for incompatible pollutants introduced into a publicly owned treatment works shall be the standard of performance for new sources specified in 40 CFR 418.25; provided that, if the publicly owned treatment works which receives the pollutants is committed, in its NPDES permit, to remove a specified percentage of any incompatible pollutant, the pretreatment standard applicable to users of such treatment works shall be correspondingly reduced in stringency for that pollutant.

§ 418.27 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology.

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart after application of the best conventional pollutant control technology.

Effluent characteristic	Effluent limitations
pH	Within the range 6.0 to 9.0.

[44 FR 50742, Aug. 29, 1979]

Subpart C—Urea Subcategory

§ 418.30 Applicability; description of the urea subcategory.

The provisions of this subpart are applicable to the manufacture of urea. Discharges attributable to shipping losses and precipitation runoff from outside the battery limits of the urea manufacturing operations, and cooling tower blowdown are excluded.

(Sec. 306(b), Federal Water Pollution Act, as amended (33 U.S.C. 1316(c)))

[43 FR 17826, Apr. 26, 1978]

§ 418.31 Specialized definitions.

For the purposes of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

(b) The term *product* shall mean the 100 percent urea content of the material manufactured.

(Sec. 306(b), Federal Water Pollution Control Act, as amended (33 U.S.C. 1316(c)))

[43 FR 17826, Apr. 26, 1978]

§ 418.32 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall

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achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

(a) The following limitations constitute the maximum permissible discharge for urea manufacturing operations in which urea is produced as a solution product:

Effluent characteristics	Effluent limitations (mg/l)	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
Ammonia (as N)	0.95	0.48
Organic nitrogen (as N)	0.61	0.33

NOTE: Metric units: Kilogram/1,000 kg of product; English units: Pound/1,000 lb of product.

(b) The following limitations constitute the maximum permissible discharge for urea manufacturing operations in which urea is prilled or granulated:

Effluent characteristics	Effluent limitations (mg/l)	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
Ammonia (as N)	1.18	0.59
Organic nitrogen (as N)	1.48	0.80

NOTE: Metric units: Kilogram/1,000 kg of product; English units: Pound/1,000 lb of product.

(Sec. 306(b), Federal Water Control Act, as amended (33 U.S.C. 1316(c)))

[39 FR 12836, Apr. 8, 1974, as amended at 43 FR 17826, Apr. 26, 1978; 44 FR 9388, Feb. 13, 1979; 60 FR 33956, June 29, 1995]

§ 418.33 Effluent limitations and guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a point source subject to the provisions of this subpart after application of the best available technology economically achievable:

(a) The following limitations constitute the maximum permissible discharge for urea manufacturing oper-

ations in which urea is produced as a solution product:

Effluent characteristics	Effluent limitations (mg/l)	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
Ammonia (as N)	0.53	0.27
Organic nitrogen (as N)	0.45	0.24

NOTE: Metric units: Kilogram/1,000 kg of product; English units: Pound/1,000 lb of product.

(b) The following limitations constitute the maximum permissible discharge for urea manufacturing operations in which urea is prilled or granulated:

Effluent characteristics	Effluent limitations (mg/l)	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
Ammonia (as N)	0.53	0.27
Organic nitrogen (as N)86	.46

NOTE: Metric units: Kilogram/1,000 kg of product; English units: Pound/1,000 lb of product.

(Sec. 306(b), Federal Water Pollution Control Act, as amended (33 U.S.C. 1316(c)))

[43 FR 17826, Apr. 26, 1978]

§ 418.34 [Reserved]

§ 418.35 Standards of performance for new sources.

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this section, which may be discharged by a new source subject to the provisions of this subpart:

(a) The following limitations constitute the maximum permissible discharge for urea manufacturing operations in which urea is produced as a solution product:

Effluent characteristics	Effluent limitations (mg/l)	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
Ammonia (as N)	0.53	0.27
Organic nitrogen (as N)45	.24

NOTE: Metric units: Kilogram/1,000 kg of product; English units: Pound/1,000 lb of product.