

Environmental Protection Agency

§ 418.20

(d) The concentration of pollutants discharged in contaminated non-process wastewater shall not exceed the values listed in the following table:

Effluent characteristic	Effluent limitations (mg/l)	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
Total phosphorus (as P)	105	35
Fluoride	75	25

[39 FR 12836, Apr. 8, 1974, as amended at 41 FR 20584, May 19, 1976; 42 FR 16141, Mar. 25, 1977]

§ 418.16 Pretreatment standards for new sources.

The pretreatment standards under section 307(c) of the Act for a source within the phosphate 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 as follows: There shall be no discharge of process waste water pollutants.

§ 418.17 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 which may be discharged by a point source subject to the provisions of this subpart after application of the best conventional pollutant control technology:

(a) Subject to the provision of paragraphs (b) and (c) of this section, 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: There shall be no discharge of process wastewater pollutants to navigable waters.

(b) Process wastewater pollutants from a calcium sulfate storage pile runoff facility operated separately or in combination with a water recirculation system designed, constructed and operated to maintain a surge capacity equal to the runoff from the 25-year, 24-hour rainfall event may be discharged, after treatment to the standards set forth in paragraph (c) of this section, whenever chronic or catastrophic precipitation events cause the water level to rise into the surge capacity. Process wastewater must be treated and discharged whenever the water level equals or exceeds the midpoint of the surge capacity.

(c) The concentration of pollutants discharged in process wastewater pursuant to the limitations of paragraph (b) of this section shall not exceed the values listed in the following table:

Effluent characteristic	Effluent limitations (mg/l)	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
TSS	150	50

The total suspended solid limitations set forth in this paragraph shall be waived for process wastewater from a calcium sulfate sulfate storage pile runoff facility, operated separately or in combination with a water recirculation system, which is chemically treated and then clarified or settled to meet the other pollutant limitations set forth in this § 418.13 (c).

[44 FR 50742, Aug. 29, 1979; 45 FR 37199, June 2, 1980, as amended at 51 FR 24999, July 9, 1986]

Subpart B—Ammonia Subcategory

§ 418.20 Applicability; description of the ammonia subcategory.

The provisions of this subpart are applicable to discharges resulting from the manufacture of ammonia. Discharges attributable to shipping losses

§ 418.21

and cooling tower blowdown are excluded.

[44 FR 64081, Nov. 6, 1979]

§ 418.21 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 anhydrous ammonia content of the compound manufactured.

(c) The term *shipping losses* shall mean: Discharges resulting from loading tank cars or tank trucks; discharges resulting from cleaning tank cars or tank trucks; and discharges from air pollution control scrubbers designed to control emissions from loading or cleaning tank cars or tank trucks.

(d) The term *process wastewater* shall mean any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, by-product, or waste product. The term *process wastewater* does not include non-contact cooling water, as defined below.

(e) The term *non-contact cooling water* shall mean water which is used in a cooling system designed so as to maintain constant separation of the cooling medium from all contact with process chemicals but which may on the occasion of corrosion, cooling system leakage or similar cooling system failures contain small amounts of process chemicals: *Provided*, That all reasonable measures have been taken to prevent, reduce, eliminate and control to the maximum extent feasible such contamination: *And provided further*, That all reasonable measures have been taken that will mitigate the effects of such contamination once it has occurred.

[44 FR 64082, Nov. 6, 1979]

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

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)	0.1875	0.0625
pH	(¹)	(¹)
	English units (pounds per 1,000 lb of product)	
Ammonia (as N)	0.1875	0.0625
pH	(¹)	(¹)

¹ Within the range 6.0 to 9.0.

[39 FR 12836, Apr. 8, 1974, as amended at 40 FR 26275, June 23, 1975; 60 FR 33956, June 29, 1995]

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

Except as provided in §§ 125.30 through 125.32, the following limitations establish the quantity or quality of pollutants or pollutant properties, which may be discharged by a point source subject to the provisions of this subpart after application of the best available technology economically achievable.

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)	0.05	0.025
	English units (pounds per 1,000 lb of product)	
Ammonia (as N)	0.05	0.025

[51 FR 24999, July 9, 1986]