

**Environmental Protection Agency**

**§ 411.15**

AUTHORITY: Secs. 301, 304 (b) and (c), 306 (b) and (c), and 307(c) of the Federal Water Pollution Control Act, as amended; 33 U.S.C. 1251, 1311, 1314 (b) and (c), 1316 (b) and (c), and 1317(c); 86 Stat. 816 *et seq.*, Pub. L., 92-500; 91 Stat. 1567, Pub. L. 95-217.

SOURCE: 39 FR 6591, Feb. 20, 1974, unless otherwise noted.

**Subpart A—Nonleaching Subcategory**

**§ 411.10 Applicability; description of the nonleaching subcategory.**

The provisions of this subpart are applicable to discharges resulting from the process in which several mineral ingredients (limestone or other natural sources of calcium carbonate, silica, alumina, and iron together with gypsum) are used in the manufacturing of cement and in which kiln dust is not contracted with water as an integral part of the process and water is not used in wet scrubbers to control kiln stack emissions.

**§ 411.11 Specialized definitions.**

For the purpose 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.

**§ 411.12 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)
	Metric units (kg/kg of product)
TSS .....	0.005.
Temperature (heat) .....	Not to exceed 3 °C rise above inlet temperature.
pH .....	Within the range 6.0 to 9.0.
	English units (lb/1,000 lb of product)
TSS .....	0.005.
Temperature (heat) .....	Not to exceed 3 °C rise above inlet temperature.

Effluent characteristic	Effluent limitations (maximum for any 1 day)
pH .....	Within the range 6.0 to 9.0.

[39 FR 6591, Feb. 20, 1974, as amended at 60 FR 33950, June 29, 1995]

**§ 411.13 Effluent limitations 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.

Effluent characteristic	Effluent limitations (maximum for any 1 day)
Temperature (heat) .....	Not to exceed 3 °C rise above inlet temperature.

[44 FR 50741, Aug. 29, 1979]

**§ 411.14 Pretreatment standards for existing sources.**

Any existing source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403. In addition, the following pretreatment standard establishes the quantity or quality of pollutants or pollutant properties controlled by this section which may be discharged to a publicly owned treatment works by a point source subject to the provisions of this subpart.

Pollutant or pollutant property	Pretreatment standard
pH .....	No limitation.
Temperature (heat) .....	Do.
TSS .....	Do.

[40 FR 6440, Feb. 11, 1975, as amended at 60 FR 33951, June 29, 1995]

**§ 411.15 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:

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Effluent characteristic	Effluent limitations (maximum for any 1 day)	
	Metric units (kg/kg of product)	
TSS .....	0.005.	
Temperature (heat) .....	Not to exceed 3 °C rise above inlet temperature.	
pH .....	Within the range 6.0 to 9.0.	
	English units (lb/1,000 lb of product)	
	TSS .....	0.005.
Temperature (heat) .....	Not to exceed 3 °C rise above inlet temperature.	
pH .....	Within the range 6.0 to 9.0.	

**§411.16 Pretreatment standards for new sources.**

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403.

[60 FR 33951, June 29, 1995]

**§411.17 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, 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 (maximum for any 1 day)	
	Metric units (kg/kg of product)	
TSS .....	0.005.	
pH .....	Within the range 6.0 to 9.0.	
	English units (lb/1,000 lb of product)	
	TSS .....	0.005.
pH .....	Within the range 6.0 to 9.0.	

[44 FR 50741, Aug. 29, 1979]

**Subpart B—Leaching Subcategory**

**§411.20 Applicability; description of the leaching subcategory.**

The provisions of this subpart are applicable to discharges resulting from the process in which several mineral ingredients (limestone or other natural

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sources of calcium carbonate, silica, alumina, and iron together with gypsum) are used in the manufacturing of cement and in which kiln dust is contacted with water as an integral part of the process or water is used in wet scrubbers to control kiln stack emissions.

**§411.21 Specialized definitions.**

For the purpose 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.

**§411.22 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)	
	Metric units (kg/kg of dust leached)	
TSS .....	0.4.	
Temperature (heat) .....	Not to exceed 3 °C rise above inlet temperature.	
pH .....	Within the range 6.0 to 9.0.	
	English units (lb/1,000 lb of dust leached)	
	TSS .....	0.4.
Temperature (heat) .....	Not to exceed 3 °C rise above inlet temperature.	
pH .....	Within the range 6.0 to 9.0.	

[39 FR 6591, Feb. 20, 1974, as amended at 60 FR 33951, June 29, 1995]

**§411.23 Effluent limitations 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