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(b) The term *process wastewater* means 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 contaminated non-process wastewater, as defined below.

(c) The term *process wastewater pollutants* means pollutants present in process wastewater.

(d) The term *contaminated non-process wastewater* shall mean any water which, during manufacturing or processing, comes into incidental contact with any raw material, intermediate product, finished product, by-product or waste product by means of (1) rainfall runoff; (2) accidental spills; (3) accidental leaks caused by the failure of process equipment, which are repaired within the shortest reasonable time not to exceed 24 hours after discovery; and (4) discharges from safety showers and related personal safety equipment: Provided, that all reasonable measures have been taken (i) to prevent, reduce and control such contact to the maximum extent feasible; and (ii) to mitigate the effects of such contact once it has occurred.

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

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 the application of the best practicable control technology currently available (BPT): There shall be no discharge of process wastewater pollutants to navigable waters.

§§ 415.633–415.635 [Reserved]

§ 415.636 Pretreatment standards for new sources (PSNS).

Except as provided in 40 CFR 403.7, any new source subject to this subpart which introduces pollutants into a publicly owned treatment works must

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comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources (PSNS): The limitations are the same as specified in § 415.632.

[49 FR 33425, Aug. 22, 1984]

Subpart BL—Cadmium Pigments and Salts Production Subcategory

SOURCE: 49 FR 33426, Aug. 22, 1984, unless otherwise noted.

§ 415.640 Applicability; description of the cadmium pigments and salts production subcategory.

The provisions of this subpart are applicable to discharges and to the introduction of pollutants into treatment works which are publicly owned resulting from the production of cadmium pigments and salts including cadmium chloride, cadmium nitrate, and cadmium sulfate salts.

§ 415.641 Specialized definitions.

For the purpose of this subpart:

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

(b) The term *product* shall mean cadmium pigment or cadmium salt.

(c) The term *cadmium* shall mean the total cadmium present in the process wastewater stream exiting the wastewater treatment system.

(d) The term *selenium* shall mean the total selenium present in the process wastewater stream exiting the wastewater treatment system.

(e) The term *zinc* shall mean the total zinc present in the process wastewater stream exiting the wastewater treatment system.

§ 415.642 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of 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 and producing cadmium pigments must

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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).

SUBPART BL—CADMIUM PIGMENTS

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (or pounds per/1,000 lb) of product	
TSS	2.59	1.57
Cadmium (T)	0.078	0.026
Selenium (T)	0.11	0.037
Zinc (T)	0.017	0.0092
pH	(¹)	(¹)

¹ Within the range 6.0 to 9.0.

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

SUBPART BL—CADMIUM SALTS

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (or pounds per/1,000 lb) of product	
TSS	0.0016	0.001
Cadmium (T)	4.87×10^{-5}	1.62×10^{-5}
Selenium (T)	7.0×10^{-5}	2.3×10^{-5}
Zinc (T)	1.04×10^{-5}	5.8×10^{-6}
pH	(¹)	(¹)

¹ Within the range 6.0 to 9.0.

§ 415.643 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of 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 and producing cadmium pigments must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology

economically achievable (BAT): The limitations for Cadmium (T), Selenium (T), and Zinc (T) are the same as specified in § 415.642(a).

(b) Except as provided in 40 CFR 125.30 through 125.32 any existing point source subject to this subpart and producing cadmium salts must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT): The limitations for cadmium (T), selenium (T), and zinc (T) are the same as specified in § 414.642(b).

§ 415.644 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart and producing cadmium pigments which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for existing sources (PSES):

SUBPART BL—CADMIUM PIGMENTS

Pollutant or pollutant property	PSES effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Milligrams per liter (mg/l)	
Cadmium (T)	0.84	0.28
Selenium (T)	1.1	0.40
Zinc (T)	0.18	0.10

In cases where POTWs find it necessary to impose mass limitations, the following equivalent mass limitations are provided as an alternate: The limitations for cadmium (T), selenium (T), and zinc (T) are the same as specified in § 415.642(a).

(b) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart and producing cadmium salts which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for existing sources (PSES):