

Environmental Protection Agency

§ 415.82

§ 415.66 Pretreatment standards for new sources (PSNS).

(a) Except as provided in 40 CFR 403.7, any new source subject to this subpart and using the mercury cell process, which introduces pollutants into a publicly owned treatment works, must comply with 40 CFR part 403 and achieve the following Pretreatment Standards for New Sources (PSNS):

SUBPART F—CHLOR-ALKALI-MERCURY CELLS

Pollutant or pollutant property	PSNS effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Milligrams per liter	
Mercury (T)	0.11	0.048

In cases where POTWs find it necessary to impose mass limitations, the following equivalent mass limitations are provided as an alternate: The limitations for mercury (T) are the same as specified in §415.65(a).

(b) Except as provided in 40 CFR 403.7, any new source subject to this subpart and using the diaphragm cell process, which introduces pollutants into a publicly owned treatment works, must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources (PSNS):

SUBPART F—DIAPHRAGM CELLS

Pollutant or pollutant property	PSNS effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Milligrams per liter (mg/l)	
Lead(T)	0.53	0.21

In cases where POTWs find it necessary to impose mass limitations, the following equivalent mass limitations are provided as an alternate: The limita-

tions for Lead(T) are the same as specified in § 415.65(b).

[47 FR 28278, June 29, 1982, as amended at 47 FR 55226, Dec. 8, 1982]

§ 415.67 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT).

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart and using the mercury cell process must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations are the same for TSS and pH as specified in §415.62(a).

(b) [Reserved]

Subpart G—Hydrochloric Acid Production Subcategory [Reserved]

Subpart H—Hydrofluoric Acid Production Subcategory

§ 415.80 Applicability; description of the hydrofluoric acid production subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of hydrofluoric acid.

§ 415.81 Specialized definitions. [Reserved]

§ 415.82 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):

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SUBPART H—HYDROFLUORIC ACID

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	11.0	5.3
Fluoride (T)	6.1	2.9
Nickel (T)	0.036	0.011
Zinc (T)	0.12	0.036
pH	(¹)	(¹)

¹ Within the range 6.0 to 9.0.

§ 415.83 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the 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 degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT):

SUBPART H—HYDROFLUORIC ACID

Pollutant or pollutant property	BAT 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	
Fluoride (T)	3.4	1.6
Nickel (T)	0.020	0.0060
Zinc (T)	0.072	0.022

§ 415.84 [Reserved]

§ 415.85 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS):

40 CFR Ch. I (7–1–03 Edition)

SUBPART H—HYDROFLUORIC ACID

Pollutant or pollutant property	NSPS 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	6.0	3.0
Fluoride (T)	3.4	1.6
Nickel (T)	0.020	0.0060
Zinc (T)	0.072	0.022
pH	(¹)	(¹)

¹ Within the range 6.0 to 9.0.

§ 415.86 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 comply with 40 CFR part 403 and achieve the following Pretreatment Standards for New Sources (PSNS):

SUBPART H—HYDROFLUORIC ACID

Pollutant or pollutant property	PSNS effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Milligrams per liter	
Fluoride (T)	100	50
Nickel (T)	0.66	0.20
Zinc (T)	2.2	0.66

In cases where POTWs find it necessary to impose mass limitations, the following equivalent mass limitations are provided as an alternate: The limitations for Fluoride (T), Nickel (T), and Zinc (T) are the same as specified in § 415.85.

[47 FR 55226, Dec. 8, 1982]

§ 415.87 [Reserved]

Subpart I—Hydrogen Peroxide Production Subcategory

§ 415.90 Applicability; description of the hydrogen peroxide production subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of hydrogen peroxide by