

Environmental Protection Agency

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the processes by which (a) raw materials are melted in a furnace and mechanically processed into incandescent lamp envelopes or (b) incandescent lamp envelopes are etched with hydrofluoric acid to produce frosted envelopes.

§ 426.121 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 “furnace pull” shall mean that amount of glass drawn from the glass furnace or furnaces.

(c) The term “oil” shall mean those components of a waste water amenable to measurement by the technique or techniques described in the most recent addition of “Standard Methods” for the analysis of grease in polluted waters, waste waters, and effluents, such as “Standard Methods,” 13th Edition, 2nd Printing, page 407.

(d) The term “product frosted” shall mean that portion of the “furnace pull” associated with the fraction of finished incandescent lamp envelopes which is frosted; this quantity shall be calculated by multiplying “furnace pull” by the fraction of finished incandescent lamp envelopes which is frosted.

§ 426.122 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):

(a) Any manufacturing plant which produces incandescent lamp envelopes shall meet the following limitations with regard to the forming operations.

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (g/kg of furnace pull)	
Oil	230.0	115.0
TSS	230.0	115.0
pH	(¹)	(¹)
	English units (lb/1,000 lb of furnace pull)	
Oil	0.23	0.115
TSS	0.23	0.115
pH	(¹)	(¹)

¹ Within the range 6.0 to 9.0.

(b) Any manufacturing plant which frosts incandescent lamp envelopes shall meet the following limitations with regard to the finishing operations.

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (g/kg of product frosted)	
Fluoride	230.0	115.0
Ammonia	(¹)	(¹)
TSS	460.0	230.0
pH	(²)	(²)
	English units (lb/1000 lb of product frosted)	
Fluoride	0.23	0.115
Ammonia	(¹)	(¹)
TSS	0.46	0.23
pH	(²)	(²)

¹ No limitation.

² Within the range 6.0 to 9.0.

[40 FR 2959, Jan. 16, 1975, as amended at 60 FR 33960, June 29, 1995]

§ 426.123 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, controlled by this section, which may be discharged by a point source subject

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to the provisions of this subpart after application of the best available technology economically achievable:

(a) [Reserved]

(b) Any manufacturing plant which frosts incandescent lamp envelopes shall meet the following limitations with regard to the finishing operations.

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (g/kg of product frosted)	
Fluoride	104.0	52.0
Ammonia	240.0	120.0
	English units (lb/1,000 lb of product frosted)	
Fluoride	0.104	0.052
Ammonia	0.24	0.12

[51 FR 25001, July 9, 1986]

§ 426.124 [Reserved]

§ 426.125 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) Any manufacturing plant which produces incandescent lamp envelopes shall meet the following limitations with regard to the forming operations.

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Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (g/kg of furnace pull)	
Oil	90.0	45.0
TSS	90.0	45.0
pH	(¹)	(¹)
	English units (lb/1,000 lb of furnace pull)	
Oil	0.09	0.045
TSS	0.09	0.045
pH	(¹)	(¹)

¹ Within the range 6.0 to 9.0.

(b) Any manufacturing plant which frosts incandescent lamp envelopes shall meet the following limitations with regard to the finishing operations.

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (g/kg of product frosted)	
Fluoride	104.0	52.0
Ammonia	240.0	120.0
TSS	80.0	40.0
pH	(¹)	(¹)
	English units (lb/1,000 lb of product frosted)	
Fluoride	0.104	0.052
Ammonia	0.24	0.12
TSS	0.08	0.04
pH	(¹)	(¹)

¹ Within the range 6.0 to 9.0.

§ 426.126 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. 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 new point source subject to the provisions of this subpart. Because of the