

**Environmental Protection Agency**

**§ 430.27**

**§ 430.27 Pretreatment standards for new sources (PSNS).**

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

(a)(1) The following pretreatment standards apply with respect to each fiber line that is a new source, unless the indirect discharger discloses to the pretreatment control authority in a report submitted under 40 CFR 403.12 that it uses exclusively TCF bleaching processes at that fiber line:

**SUBPART B**

Pollutant or pollutant property	PSNS	
	Maximum for any 1 day	Monthly average
TCDD .....	<ML <sup>a</sup>	(b)
TCDF .....	31.9 <sup>c</sup>	(b)
Chloroform .....	6.92 <sup>d</sup>	4.14 <sup>d</sup>
Trichlorosyringol .....	<ML <sup>a</sup>	(b)
3,4,5-trichlorocatechol .....	<ML <sup>a</sup>	(b)
3,4,6-trichlorocatechol .....	<ML <sup>a</sup>	(b)
3,4,5-trichloroguaiacol .....	<ML <sup>a</sup>	(b)
3,4,6-trichloroguaiacol .....	<ML <sup>a</sup>	(b)
4,5,6-trichloroguaiacol .....	<ML <sup>a</sup>	(b)
2,4,5-trichlorophenol .....	<ML <sup>a</sup>	(b)
2,4,6-trichlorophenol .....	<ML <sup>a</sup>	(b)
Tetrachlorocatechol .....	<ML <sup>a</sup>	(b)
Tetrachloroguaiacol .....	<ML <sup>a</sup>	(b)
2,3,4,6-tetrachlorophenol .....	<ML <sup>a</sup>	(b)
Pentachlorophenol .....	<ML <sup>a</sup>	(b)
AOX .....	1.16 <sup>e</sup>	0.814 <sup>e</sup>

<sup>a</sup>"<ML" means less than the minimum level specified in § 430.01(i) for the particular pollutant.  
<sup>b</sup>This regulation does not specify this type of limitation for this pollutant; however, pretreatment control authorities may do so as appropriate.  
<sup>c</sup>Picograms per liter.  
<sup>d</sup>Grams per 1,000 kilograms (g/kgg).  
<sup>e</sup>Kilograms per 1,000 kilograms (kg/kgg).

(2) The following pretreatment standards apply with respect to each new source fiber line operated by an indirect discharger subject to this section if the indirect discharger discloses to

the pretreatment control authority in a report submitted under 40 CFR 403.12(b), (d), or (e) that it uses exclusively TCF bleaching processes at that fiber line:

**SUBPART B**

Pollutant or pollutant parameter	PSNS (TCF)	
	Maximum for any 1 day	Monthly average
AOX .....	<ML <sup>a</sup>	(b)

<sup>a</sup>"<ML" means less than the minimum level specified in § 430.01(i) for the particular pollutant.  
<sup>b</sup>This regulation does not specify this type of limitation for this pollutant; however, pretreatment control authorities may do so as appropriate.

(b) The following pretreatment standards apply to all new source indirect dischargers, regardless of when they commenced discharge, in accordance with the previous subcategorization scheme. An indirect discharger is not required to meet these

pretreatment standards if it certifies to the pretreatment control authority that it is not using these compounds as biocides. In cases when POTWs find it necessary to impose mass-based effluent limitations, equivalent mass limitations are provided as guidance:

**SUBPART B**

[Supplemental PSNS for bleached kraft facilities where market pulp is produced]

Pollutant or pollutant property	Maximum for any 1 day	
	kg/kg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol .....	0.0019	(0.013)(36.6)/y
Trichlorophenol .....	0.014	(0.093)(36.6)/y
y = wastewater discharged in kgal per ton of product.		

**SUBPART B**

[Supplemental PSNS for bleached kraft facilities where paperboard, coarse paper, and tissue paper are produced]

Pollutant or pollutant property	Maximum for any 1 day	
	kg/kg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol .....	0.0016	(0.012)(31.7)/y
Trichlorophenol .....	0.012	(0.092)(31.7)/y
y = wastewater discharged in kgal per ton of product.		

**SUBPART B**

[Supplemental PSNS for bleached kraft facilities where pulp and fine papers are produced and soda facilities where pulp and paper are produced]

Pollutant or pollutant parameter	Maximum for any 1 day	
	kg/kg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol .....	0.0014	(0.014)(25.1)/y
Trichlorophenol .....	0.011	(0.101)(25.1)/y
y = wastewater discharged in kgal per ton of product.		

(c) An indirect discharger must demonstrate compliance with the pretreatment standards in paragraph (a)(1) of this section by monitoring at the point where the wastewater containing those pollutants leaves the bleach plant.

[63 FR 18635, Apr. 15, 1998; 63 FR 42239, Aug. 7, 1998]

**§ 430.28 Best management practices (BMPs).**

The definitions and requirements set forth in 40 CFR 430.03 apply to facilities in this subpart.

**Subpart C—Unbleached Kraft Subcategory**

**§ 430.30 Applicability; description of the unbleached kraft subcategory.**

The provisions of this subpart are applicable to discharges resulting from:

the production of pulp and paper at unbleached kraft mills; the production of pulp and paper at unbleached kraft-neutral sulfite semi-chemical (cross recovery) mills; and the production of pulp and paper at combined unbleached kraft and semi-chemical mills, wherein the spent semi-chemical cooking liquor is burned within the unbleached kraft chemical recovery system.

**§ 430.31 Specialized definitions.**

For the purpose of this subpart, the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 and § 430.01 of this part shall apply to this subpart.