

Environmental Protection Agency

§ 430.35

§ 430.34 Effluent limitations 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 where chlorophenolic-containing biocides are used must achieve the following effluent limitations representing the degree of effluent reduction attainable by the

application of the best available technology economically achievable (BAT). Non-continuous dischargers shall not be subject to the maximum day mass limitations in kg/kkg (lb/1000 lb), but shall be subject to concentration limitations. Concentration limitations are only applicable to non-continuous dischargers. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides:

SUBPART C

[BAT effluent limitations for unbleached kraft facilities]

Pollutant or pollutant property	Maximum for any 1 day	
	Kg/kkg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00058	(0.011)(12.6)/y
Trichlorophenol	0.00053	(0.010)(12.6)/y
y=wastewater discharged in kgal per ton of product.		

SUBPART C

[BAT effluent limitations for unbleached kraft facilities where pulp and paper are produced using the unbleached kraft-neutral sulfite semi-chemical (cross recovery) process and/or a combined unbleached kraft and semi-chemical process, wherein the spent semi-chemical cooking liquor is burned within the unbleached kraft chemical recovery system]

Pollutant or pollutant property	Maximum for any 1 day	
	Kg/kkg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00064	(0.011)(14.0)/y
Trichlorophenol	0.00059	(0.010)(14.0)/y
y=wastewater discharged in kgal per ton of product.		

§ 430.35 New source performance standards (NSPS).

Any new source subject to this subpart must achieve the following new source performance standards (NSPS), except that non-continuous dischargers shall not be subject to the maximum day and average of 30 consecutive days effluent limitations for BOD5 and TSS, but shall be subject to annual average effluent limitations. Also, for non-continuous dischargers, concentration lim-

itations (mg/l) shall apply, where provided. Concentration limitations will only apply to non-continuous dischargers. Only facilities where chlorophenolic-containing biocides are used shall be subject to pentachlorophenol and trichlorophenol limitations. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides:

SUBPART C

[NSPS for unbleached kraft facilities where linerboard is produced]

Pollutant or pollutant property	Kg/kg (or pounds per 1,000 lb) of product		
	Continuous dischargers		Non-continuous dischargers (annual average)
	Maximum for any 1 day	Average of daily values for 30 consecutive days	
BOD5	3.4	1.8	0.94
TSS	5.8	3.0	1.6
pH	(¹)	(¹)	(¹)
	Maximum for any 1 day		
	Kg/kg (or pounds per 1,000 lb) of product	Milligrams/liter	
Pentachlorophenol	0.00058	(0.015)(9.4)/y	
Trichlorophenol	0.00053	(0.013)(9.4)/y	

y = wastewater discharged in kgal per ton at all times.

¹ Within the range of 5.0 to 9.0 at all times.

SUBPART C

[NSPS for unbleached kraft facilities where bag paper and other mixed products are produced]

Pollutant or pollutant property	Kg/kg (or pounds per 1,000 lb) of product		
	Continuous dischargers		Non-continuous dischargers (annual average)
	Maximum for any 1 day	Average of daily values for 30 consecutive days	
BOD5	5.0	2.71	1.4
TSS	9.1	4.8	2.5
pH	(¹)	(¹)	(¹)
	Maximum for any 1 day		
	Kg/kg (or pounds per 1,000 lb) of product	Milligrams/liter	
Pentachlorophenol	0.00058	(0.012)(11.4)/y	
Trichlorophenol	0.00053	(0.011)(11.4)/y	

y = wastewater discharged in kgal per ton at all times.

¹ Within the range of 5.0 to 9.0 at all times.

SUBPART C

[NSPS for unbleached kraft facilities where pulp and paper are produced using the unbleached kraft-neutral sulfite semi-chemical (cross recovery) process and/or a combined unbleached kraft and semi-chemical process, wherein the spent semi-chemical cooking liquor is burned within the unbleached kraft chemical recovery system]

Pollutant or pollutant property	Kg/kg (or pounds per 1,000 lb) of product		
	Continuous dischargers		Non-continuous dischargers (annual average)
	Maximum for any 1 day	Average of daily values for 30 consecutive days	
BOD5	3.9	2.1	1.1
TSS	7.3	3.8	1.9
pH	(¹)	(¹)	(¹)

	Maximum for any 1 day	
	Kg/kg (or pounds per 1,000 lb) of product	Milligrams/liter
Pentachlorophenol	0.00064	(0.013)(11.5)/y
Trichlorophenol	0.00059	(0.012)(11.5)/y
y = wastewater discharged in kgal per ton at all times.		

¹ Within the range of 5.0 to 9.0 at all times.

§ 430.36 Pretreatment standards for existing sources (PSES).

Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that 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) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using those biocides. PSES must be attained on or before July 1, 1984:

SUBPART C
[PSES for unbleached kraft facilities]

Pollutant or pollutant property	Maximum for any 1 day	
	Milligrams/liter	Kg/kg (or pounds per 1,000 lb) of product ^a
Pentachlorophenol	(0.011)(12.6)/y	0.00058
Trichlorophenol	(0.010)(12.6)/y	0.00053
y = wastewater discharged in kgal per ton of product.		

^a The following equivalent mass limitations are provided as guidance in cases where POTWs find it necessary to impose mass effluent limitations.

SUBPART C

[PSES for unbleached kraft facilities where pulp and paper are produced using the unbleached kraft-neutral sulfite semi-chemical (cross recovery) process and/or a combined unbleached kraft and semi-chemical process, wherein the spent semi-chemical cooking liquor is burned within the unbleached kraft chemical recovery system]

Pollutant or pollutant property	Maximum for any 1 day	
	Milligrams/liter	Kg/kg (or pounds per 1,000 lb) of product ^a
Pentachlorophenol	(0.011)(14.0)/y	0.00064
Trichlorophenol	(0.010)(14.0)/y	0.00059
y = wastewater discharged in kgal per ton of product.		

^a The following equivalent mass limitations are provided as guidance in cases where POTWs find it necessary to impose mass effluent limitations.

§ 430.37 Pretreatment standards for new sources (PSNS).

(a) 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 achieve the following pretreatment

standards for new sources (PSNS) if it uses chlorophenolic-containing biocides. Permittees not using chlorophenolic-containing biocides must certify to the permit-issuing authority that they are not using these biocides: