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§ 420.14 New source performance standards (NSPS).

The discharge of wastewater pollutants from any new source subject to this subpart shall not exceed the standards set forth below.

(a) *By-product cokemaking—iron and steel.*

SUBPART A

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
TSS .....	0.172	0.0894
O&G .....	0.00638	.....
Ammonia-N .....	0.0543	0.0160
Cyanide .....	0.00638	0.00351
Phenols (4AAP) .....	0.0000638	0.0000319
Benzene .....	0.0000319	.....
Naphthalene .....	0.0000319	.....
Benzo(a)pyrene .....	0.0000319	.....
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 6.0 to 9.0.

(1) Increased loadings, not to exceed 16 percent of the above standards, are allowed for by-product coke plants which have wet desulfurization systems but only to the extent such systems generate an increased effluent volume.

(2) Increased loadings, not to exceed 39 percent of the above standards, are allowed for by-product coke plants which include indirect ammonia recovery systems but only to the extent such systems generate an increased effluent volume.

(b) *By-product cokemaking—merchant.*

SUBPART A

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
TSS .....	0.192	0.0993
O&G .....	0.00709	.....
Ammonia-N .....	0.0603	0.0177
Cyanide .....	0.00709	0.00390
Phenols (4AAP) .....	0.0000709	0.0000355
Benzene .....	0.0000355	.....
Naphthalene .....	0.0000355	.....
Benzo(a)pyrene .....	0.0000355	.....

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SUBPART A—Continued

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range of 6.0 to 9.0.

(1) Increased loadings, not to exceed 15 percent of the above standards, are allowed for by-product coke plants which have wet desulfurization systems but only to the extent such systems generate an increased effluent volume.

(2) Increased loadings, not to exceed 35 percent of the above standards, are allowed for by-product coke plants which include indirect ammonia recovery systems but only to the extent such systems generate an increased effluent volume.

(c) *Beehive cokemaking.* No discharge of process wastewater pollutants to navigable waters.

§ 420.15 Pretreatment standards for existing sources (PSES).

Except as provided in 40 CFR 403.7 and 403.13, any existing 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 existing sources.

(a) *By-product cokemaking—iron and steel.*

SUBPART A

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
Ammonia-N .....	0.0645	0.0322
Cyanide .....	0.0172	0.00859
Phenols (4AAP) .....	0.0430	0.0215

(1) Increased loadings, not to exceed 24 percent of the above standards, are allowed for by-product coke plants

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which have wet desulfurization systems but only to the extent such systems generate an increased effluent volume.

(2) Increased loadings, not to exceed 58 percent of the above standards, are allowed for by-product coke plants which include indirect ammonia recovery systems but only to the extent such systems generate an increased effluent volume.

(b) *By-product cokemaking—merchant.*

**SUBPART A**

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
Ammonia-N .....	0.0751	0.0375
Cyanide .....	0.0200	0.0100
Phenols (4AAP) .....	0.0501	0.0250

(1) Increased loadings, not to exceed 21 percent of the above standards, are allowed for by-product coke plants which have wet desulfurization systems but only to the extent such systems generate an increased effluent volume.

(2) Increased loadings, not to exceed 50 percent of the above standards, are allowed for by-product coke plants which include indirect ammonia recovery systems but only to the extent such systems generate an increased effluent volume.

(c) *Beehive cokemaking* [Reserved].

**§ 420.16 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.

(a) *By-product cokemaking—iron and steel.*

**SUBPART A**

Pollutant or pollutant property	Pretreatment standards for new sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
Ammonia-N .....	0.0645	0.0322
Cyanide .....	0.0172	0.00859
Phenols (4AAP) .....	0.0430	0.0215

(1) Increased loadings, not to exceed 24 percent of the above standards, are allowed for by-product coke plants which have wet desulfurization systems but only to the extent such systems generate an increased effluent volume.

(2) Increased loadings, not to exceed 58 percent of the above standards, are allowed for by-product coke plants which include indirect ammonia recovery systems but only to the extent such systems generate an increased effluent volume.

(b) *By-product cokemaking—merchant.*

**SUBPART A**

Pollutant or pollutant property	Pretreatment standards for new sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
Ammonia-N .....	0.0751	0.0375
Cyanide .....	0.0200	0.0100
Phenols (4AAP) .....	0.0501	0.0250

(1) Increased loadings, not to exceed 21 percent of the above standards, are allowed for by-product coke plants which have wet desulfurization systems but only to the extent such systems generate an increased effluent volume.

(2) Increased loadings, not to exceed 50 percent of the above standards, are allowed for by-product coke plants which include indirect ammonia recovery systems but only to the extent