

Environmental Protection Agency

§ 420.120

since the BPT level of treatment provides adequate control, the Agency is not promulgating more stringent BAT limitations.

§ 420.114 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) *Batch and continuous.*

SUBPART K

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	0.0146	0.00626
O&G	0.00626	0.00209
pH	(¹)	(¹)

¹ Within the range of 6.0 to 9.0.

§ 420.115 Pretreatment standards for existing sources (PSES).

Any existing source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403.

§ 420.116 Pretreatment standards for new sources (PSNS).

Any new source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403.

§ 420.117 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional technology (BCT).

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 conventional technology.

(a) *Batch.*

SUBPART K

Pollutant or pollutant property	BCT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
TSS	0.0730	0.0313
O&G	0.0313	0.0104
pH	(¹)	(¹)

¹ Within the range of 6.0 to 9.0.

(b) *Continuous.*

SUBPART K

Pollutant or pollutant property	BCT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
TSS	0.102	0.0438
O&G	0.0438	0.0146
pH	(¹)	(¹)

¹ Within the range of 6.0 to 9.0.

Subpart L—Hot Coating Subcategory

§ 420.120 Applicability; description of the hot coating subcategory.

(a) The provisions of this subpart are applicable to discharges and to the introduction of pollutants into publicly owned treatment works resulting from the operations in which steel is coated with zinc, terne metal, or other metals by the hot dip process, and those rinsing operations associated with that process.

(b) The BPT and BAT limitations for zinc set out below are not applicable to hot coating operations with wastewater treatment facilities achieving, during periods of normal production, zinc discharge levels more stringent than those BPT and BAT limitations. For such operations, the BPT and BAT limitations for zinc shall be determined on a case-by-case basis based upon the existing performance of the wastewater treatment facility. The permitting authority shall evaluate representative effluent data from the wastewater treatment facility during

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periods of normal production in establishing the case-by-case BPT and BAT limitations. The BPT and BAT limitations specified in 40 CFR 420.122 and 420.123 may be used as the basis for calculating total mass limitations for zinc pursuant to 40 CFR 420.03.

[47 FR 23284, May 27, 1982, as amended at 49 FR 21036, May 17, 1984]

§ 420.121 Specialized definitions.

(a) The term *galvanizing* means coating steel products with zinc by the hot dip process including the immersion of the steel product in a molten bath of zinc metal, and the related operations preceding and subsequent to the immersion phase.

(b) The term *terne coating* means coating steel products with terne metal by the hot dip process including the immersion of the steel product in a molten bath of lead and tin metals, and the related operations preceding and subsequent to the immersion phase.

(c) The term *other coatings* means coating steel products with metals other than zinc or terne metal by the hot dip process including the immersion of the steel product in a molten bath of metal, and the related operations preceding the subsequent to the immersion phase.

(d) The term *fume scrubber* means wet air pollution control devices used to remove and clean fumes originating from hot coating operations.

(e) The term *strip, sheet, and miscellaneous products* means steel products other than wire products and fasteners.

(f) The term *wire products and fasteners* means steel wire, products manufactured from steel wire, and steel fasteners manufactured from steel wire or other steel shapes.

§ 420.122 Effluent limitations 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 appli-

cation of the best practicable control technology currently available.

(a) *Galvanizing, terne coating, and other coatings—(1) Strip, sheet, and miscellaneous products.*

SUBPART L

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.175	0.0751
O&G	0.0751	0.0250
Lead	0.00113	0.000376
Zinc	0.00150	0.000500
Chromium (hexavalent) ¹	0.000150	0.0000501
pH	(²)	(²)

¹The limitations for hexavalent chromium shall apply only to galvanizing operations which discharge wastewaters from the chromate rinse step.

²Within the range of 6.0 to 9.0.

(2) [Reserved]

(b) *Galvanizing and other coatings—(1) Wire products and fasteners.*

SUBPART L

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.701	0.300
O&G	0.300	0.100
Lead	0.00451	0.00150
Zinc	0.00601	0.00200
Chromium (hexavalent) ¹	0.000600	0.000200
pH	(²)	(²)

¹The limitations for hexavalent chromium shall be applicable only to galvanizing operations which discharge wastewaters from the chromate rinse step.

²Within the range of 6.0 to 9.0.

(2) [Reserved]

(c) *Fume scrubbers.*

SUBPART L

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg per day	
TSS	38.1	16.3
O&G	16.3	5.45
Lead	0.245	0.0819
Zinc	0.327	0.109