

**Environmental Protection Agency**

**§ 410.52**

**SIMPLE MANUFACTURING OPERATIONS**

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (or pounds per 1,000 lb) of product	
BOD5 .....	3.3	1.7
COD .....	41.7	26.9
TSS .....	8.8	3.9
Sulfide .....	0.20	0.10
Phenols .....	0.10	0.05
Total Chromium .....	0.10	0.05
pH <sup>1</sup> .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range 6.0 to 9.0 at all times.  
 Note: Additional allocations for "commission finishers" are not available to new sources.

**COMPLEX MANUFACTURING OPERATIONS**

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (or pounds per 1,000 lb) of product	
BOD5 .....	3.7	1.9
COD .....	68.7	44.2
TSS .....	14.4	6.4
Sulfide .....	0.20	0.10
Phenols .....	0.10	0.05
Total Chromium .....	0.10	0.05
pH <sup>1</sup> .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range 6.0 to 9.0 at all times.  
 Note: Additional allocations for "commission finishers" are not available to new sources.

**DESIZING**

Pollutant or pollutant property	NSPS	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (or pounds per 1,000 lb) of product	
BOD5 .....	5.5	2.8
COD .....	59.5	38.3
TSS .....	15.6	6.9
Sulfide .....	0.20	0.10
Phenols .....	0.10	0.05
Total Chromium .....	0.10	0.05
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range 6.0 to 9.0 at all times.  
 NOTE: Additional allocations for "commission finishers" are not available to new sources.

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

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.

**§ 410.47 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT). [Reserved]**

**Subpart E—Knit Fabric Finishing Subcategory**

**§ 410.50 Applicability; description of the knit fabric finishing subcategory.**

The provisions of this subpart are applicable to process wastewater discharges resulting from the following types of textile mills: knit fabric finishers, which may include any or all of the following unit operations: Bleaching, mercerizing, dyeing, printing, resin treatment, water proofing, flame proofing, soil repellency application and a special finish application.

**§ 410.51 Specialized definitions.**

In addition to the definitions set forth in 40 CFR part 401 and § 410.01 of this part, the following definitions apply to this subpart:

(a) The term *simple manufacturing operation* shall mean all the following unit processes: desizing, fiber preparation and dyeing.

(b) The term *complex manufacturing operation* shall mean "simple" unit processes (desizing, fiber preparation and dyeing) plus any additional manufacturing operations such as printing, water proofing, or applying stain resistance or other functional fabric finishes.

(c) For NSPS (§ 410.55) the term *hosiery products* shall mean the internal subdivision of the knit fabric finishing subcategory for facilities that are engaged primarily in dyeing or finishing hosiery of any type.

**§ 410.52 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).**

(a) Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must

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achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

Pollutant or pollutant property	BPT limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
BOD5 .....	5.0	2.5
COD .....	60.0	30.0
TSS .....	21.8	10.9
Sulfide .....	0.20	0.10
Phenols .....	0.10	0.05
Total chromium .....	0.10	0.05
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range 6.0 to 9.0 at all times.

(b) Except as provided in paragraph (d) of this section for commission finishing operations, the following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section and attributable to the finishing of knit fabrics through simple manufacturing operations employing a natural and synthetic fiber or through complex manufacturing operations employing a synthetic fiber, which may be discharged by a point source subject to the provisions of this subpart, in addition to the discharge allowed by paragraph (a) of this section.

Pollutant or pollutant property	BPT limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
COD .....	20.0	10.0

(c) Except as provided in paragraph (d) of this section for commission finishing operations, the following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section and attributable to the finishing of knit fabrics through complex manufacturing operations employing a natural and synthetic fiber blend, which may be discharged by a point source subject to the provisions of this subpart, in addition to the discharge allowed by paragraph (a) of this section.

tion to the discharge allowed by paragraph (a) of this section.

Pollutant or pollutant property	BPT limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
COD .....	40.0	20.0

(d) Additional allocations equal to the effluent limitations established in paragraphs (a), (b), and (c) of this section are allowed any existing point source subject to such effluent limitations that finishes knit fabrics through "commission finishing" as defined in § 410.01.

[47 FR 38819, Sept. 2, 1982, as amended at 48 FR 39624, Sept. 1, 1983]

**§ 410.53 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).**

(a) 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 available technology economically achievable (BAT):

Pollutant or pollutant property	BAT limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (or pounds per 1,000 lb) of product	
COD .....	60.0	30.0
Sulfide .....	0.20	0.10
Phenols .....	0.10	0.05
Total Chromium .....	0.10	0.05

(b) Except as provided in paragraph (d) of this section for commission finishing operations, the following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this section and attributable to the finishing of knit fabrics