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acheive the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional pollutant control technology (BCT): The limitations are the same for TSS and pH as specified in §415.672.

#### PART 416 [RESERVED]

## PART 417—SOAP AND DETERGENT MANUFACTURING POINT SOURCE CATEGORY

#### Subpart A—Soap Manufacturing by Batch Kettle Subcategory

Sec.

- 417.10 Applicability; description of the soap manufacturing by batch kettle subcategory.
- 417.11 Specialized definitions.
- 417.12 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.13 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.14 Pretreatment standards for existing sources.
- 417.15 Standards of performance for new sources.
- 417.16 Pretreatment standards for new sources.

#### Subpart B—Fatty Acid Manufacturing by Fat Splitting Subcategory

- 417.20 Applicability; description of the fatty acid manufacturing by fat splitting subcategory.
- 417.21 Specialized definitions.
- 417.22 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.23 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.24 Pretreatment standards for existing sources.
- 417.25 Standards of performance for new sources.
- 417.26 Pretreatment standards for new sources.

#### Subpart C—Soap Manufacturing by Fatty Acid Neutralization Subcategory

- 417.30 Applicability; description of the soap manufacturing by fatty acid neutralization subcategory.
- 417.31 Specialized definitions.
- H17.32 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.33 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.34 Pretreatment standards for existing sources.
- 417.35 Standards of performance for new sources.
- 417.36 Pretreatment standards for new sources.

#### Subpart D—Glycerine Concentration Subcategory

- 417.40 Applicability; description of the glycerine concentration subcategory.
- 417.41 Specialized definitions.
- 417.42 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.43 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.44 Pretreatment standards for existing sources.
- 417.45 Standards of performance for new sources.
- 417.46 Pretreatment standards for new sources.

#### Subpart E—Glycerine Distillation Subcategory

- $417.50\,$  Applicability; description of the glycerine distillation subcategory.
- 417.51 Specialized definitions.
- 417.52 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.53 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable
- 417.54 Pretreatment standards for existing sources.
- 417.55 Standards of performance for new sources.

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417.56 Pretreatment standards for new sources.

#### Subpart F—Manufacture of Soap Flakes and Powders Subcategory

- 417.60 Applicability; description of the manufacture of soap flakes and powders subcategory.
- 417.61 Specialized definitions.
- 417.62 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.63 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.64 Pretreatment standards for existing sources.
- 417.65 Standards of performance for new sources.
- 417.66 Pretreatment standards for new sources.

#### Subpart G—Manufacture of Bar Soaps Subcategory

- 417.70 Applicability; description of the manufacture of bar soaps subcategory.
- 417.71 Specialized definitions.
- 417.72 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.73 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.74 Pretreatment standards for existing sources.
- 417.75 Standards of performance for new sources.
- 417.76 Pretreatment standards for new sources.

#### Subpart H—Manufacture of Liquid Soaps Subcategory

- 417.80 Applicability; description of the manufacture of liquid soaps subcategory.
- 417.81 Specialized definitions.
- 417.82 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.83 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

- 417.84 Pretreatment standards for existing sources.
- 417.85 Standards of performance for new sources.
- 417.86 Pretreatment standards for new sources

### Subpart I—Oleum Sulfonation and Sulfation Subcategory

- 417.90 Applicability; description of the oleum sulfonation and sulfation subcategory.
- 417.91 Specialized definitions.
- 417.92 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.93 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable
- 417.94 Pretreatment standards for existing sources.
- 417.95 Standards of performance for new sources.
- 417.96 Pretreatment standards for new sources.

## Subpart J—Air—SO3 Sulfation and Sulfonation Subcategory

- 417.100 Applicability; description of the air— $SO_3$  sulfation and sulfonation subcategory.
- 417.101 Specialized definitions.
- 417.102 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.103 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.104 Pretreatment standards for existing sources.
- 417.105 Standards of performance for new sources.
- 417.106 Pretreatment standards for new sources.

#### Subpart K—SO3 Solvent and Vacuum Sulfonation Subcategory

- 417.110 Applicability; description of the SO<sub>3</sub> solvent and vacuum sulfonation subcategory.
- 417.111 Specialized definitions.
- 417.112 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

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- 417.113 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.114 Pretreatment standards for existing sources.
- 417.115 Standards of performance for new sources.
- 417.116 Pretreatment standards for new sources.

#### Subpart L—Sulfamic Acid Sulfation Subcategory

- 417.120 Applicability; description of the sulfamic acid sulfation subcategory.
- 417.121 Specialized definitions.
- 417.122 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- 417.123 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.124 Pretreatment standards for existing sources.
- 417.125 Standards of performance for new sources.
- 417.126 Pretreatment standards for new sources.

#### Subpart M—Chlorosulfonic Acid Sulfation Subcategory

- 417.130 Applicability; description of the chlorosulfonic acid sulfation subcategory.
- 417.131 Specialized definitions.
- 417.132 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.133 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.134 Pretreatment standards for existing sources.
- 417.135 Standards of performance for new sources.
- 417.136 Pretreatment standards for new sources.

#### Subpart N—Neutralization of Sulfuric Acid Esters and Sulfonic Acids Subcategory

- 417.140 Applicability; description of the neutralization of sulfuric acid esters and sulfonic acids subcategory.
- 417.141 Specialized definitions.

- 417.142 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.143 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.144 Pretreatment standards for existing sources.
- 417.145 Standards of performance for new sources.
- 417.146 Pretreatment standards for new sources.

#### Subpart O—Manufacture of Spray Dried Detergents Subcategory

- 417.150 Applicability; description of the manufacture of spray dried detergents subcategory.
- 417.151 Specialized definitions.
- 417.152 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.153 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.154 [Reserved]
- 417.155 Standards of performance for new sources.
- 417.156 Pretreatment standards for new sources.

#### Subpart P—Manufacture of Liquid Detergents Subcategory

- 417.160 Applicability; description of the manufacture of liquid detergents subcategory.
- 417.161 Specialized definitions.
- 417.162 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.163 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.164 [Reserved]
- 417.165 Standards of performance for new sources.
- 417.166 Pretreatment standards for new sources.

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#### Subpart Q—Manufacture of Detergents by Dry Blending Subcategory

417.170 Applicability; description of the manufacturing of detergents by dry blending subcategory.

417.171 Specialized definitions.

- 417.172 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.173 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

417.174 [Reserved]

- 417.175 Standards of performance for new sources.
- 417.176 Pretreatment standards for new sources.

#### Subpart R—Manufacture of Drum Dried Detergents Subcategory

- 417.180 Applicability; description of the manufacture of drum dried detergents subcategory.
- 417.181 Specialized definitions.
- 417.182 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.183 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.184 [Reserved]
- 417.185 Standards of performance for new sources.
- 417.186 Pretreatment standards for new sources.

## Subpart S—Manufacture of Detergent Bars and Cakes Subcategory

- 417.190 Applicability; description of the manufacture of detergent bars and cakes subcategory.
- 417.191 Specialized definitions.
- 417.192 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.
- 417.193 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.
- 417.194 Pretreatment standards for existing sources.
- 417.195 Standards of performance for new sources.

417.196 Pretreatment standards for new sources

AUTHORITY: Secs. 301, 304 (b) and (c), 306 (b) and (c), and 307(c) of the Federal Water Pollution Control Act as amended, (the Act); 33 U.S.C. 1251, 1311, 1314 (b) and (c), 1316 (b) and (c) and 1317(c), 86 Stat. 816 et seq.; Pub. L. 92–500

SOURCE: 39 FR 13372, Apr. 12, 1974, unless otherwise noted.

#### Subpart A—Soap Manufacturing by Batch Kettle Subcategory

#### §417.10 Applicability; description of the soap manufacturing by batch kettle subcategory.

The provisions of this subpart are applicable to discharges resulting from the operations in which neat soap is produced through saponification of animal and vegetable fats and oils by boiling in kettles.

#### §417.11 Specialized definitions.

For the purpose of this subpart:

- (a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.
- (b) The term *anhydrous product* shall mean the theoretical product that would result if all water were removed from the actual product.
- (c) The term *neat soap* shall mean the solution of completely saponified and purified soap containing about 20–30 percent water which is ready for final formulation into a finished product.

# §417.12 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):