and metal finishing point source categories (40 CFR parts 413 and 433).

(e) **POTW** shall mean “publicly owned treatment works.”

(f) A **non-continuous discharger** is a plant which does not discharge pollutants during specific periods of time for reasons other than treatment plant upset, such periods being at least 24 hours in duration. A typical example of a non-continuous discharger is a plant where wastewaters are routinely stored for periods in excess of 24 hours to be treated on a batch basis. For non-continuous discharging direct discharging plants, NPDES permit authorities shall apply the mass-based annual average effluent limitations or standards and the concentration-based maximum day and maximum for monthly average effluent limitations or standards established in the regulations. POTWs may elect to establish concentration-based standards for non-continuous discharges to POTWs. They may do so by establishing concentration-based pretreatment standards equivalent to the mass-based standards provided in §§464.15, 464.16, 464.25, 464.26, 464.35, 464.36, 464.45, and 464.46. Equivalent concentration standards may be determined by multiplying the mass-based standards included in the regulations by an appropriate measure of average production, raw material usage, or air scrubber flow (kg of metal poured, kg of sand reclaimed, or standard cubic meters of air scrubbed) and dividing by an appropriate measure of average discharge flow to the POTW, taking into account the proper conversion factors to ensure that the units (mg/l) are correct.

(c) The “monthly average” regulatory values shall be the basis for the monthly average effluent limitations guidelines and standards in direct discharge permits and for pretreatment standards. Compliance with the monthly average effluent limitations guidelines and standards is required regardless of the number of samples analyzed and averaged.

§ 464.04 Compliance date for PSES.

The compliance date of PSES is October 31, 1988.

Subpart A—Aluminum Casting Subcategory

§ 464.10 Applicability; description of the aluminum casting subcategory.

The provisions of this subpart are applicable to discharges to waters of the United States and to the introduction of pollutants into publicly owned treatment works resulting from aluminum casting operations as defined in §464.02(a).

§ 464.11 Specialized definitions.

For the purpose of this subpart:

(a) **Total toxic organics (TTO)** is a regulated parameter under PSES...
(§ 464.15) and PSNS (§ 464.16) for the aluminum subcategory and is comprised of a discrete list of toxic organic pollutants for each process segment where it is regulated, as follows:

1. Casting Quench (§ 464.15(b) and § 464.16(b)):

   - 4. benzene
   - 21. 2,4,6-trichlorophenol
   - 22. para-chloro meta-cresol
   - 23. chloroform (trichloromethane)
   - 34. 2,4-dimethylphenol
   - 39. fluoranthene
   - 44. methylene chloride (dichloromethane)
   - 65. phenol
   - 66. bis(2-ethylhexyl) phthalate
   - 67. butyl benzyl phthalate
   - 84. pyrene
   - 85. tetrachloroethylene
   - 87. trichloroethylene

2. Die Casting (§ 464.15(c) and § 464.16(c)):

   - 1. acenaphthene
   - 4. benzene
   - 7. chlorobenzene
   - 11. 1,1,1-trichloroethane
   - 21. 2,4,6-trichlorophenol
   - 22. para-chloro meta-cresol
   - 23. chloroform (trichloromethane)
   - 34. 2,4-dimethylphenol
   - 39. fluoranthene
   - 44. methylene chloride (dichloromethane)
   - 55. naphthalene
   - 65. phenol
   - 66. bis(2-ethylhexyl) phthalate
   - 67. butyl benzyl phthalate
   - 68. di-n-butyl phthalate
   - 70. diethyl phthalate
   - 72. benzo (a)anthracene (1,2-benzanthracene)
   - 73. benzo (a)pyrene (3,4-benzopyrene)
   - 76. chrysene
   - 78. anthracene
   - 80. fluorene
   - 81. phenanthrene
   - 84. pyrene
   - 85. tetrachloroethylene
   - 86. toluene

3. Dust Collection Scrubber (§ 464.15(d) and § 464.16(d)):

   - 1. acenaphthene
   - 21. 2,4,6-trichlorophenol
   - 22. para-chloro meta-cresol
   - 23. chloroform (trichloromethane)
   - 34. 2,4-dimethylphenol
   - 39. fluoranthene
   - 44. methylene chloride (dichloromethane)
   - 65. phenol
   - 66. bis(2-ethylhexyl) phthalate
   - 68. di-n-butyl phthalate
   - 70. diethyl phthalate
   - 73. benzo (a)pyrene (3,4-benzopyrene)
   - 84. pyrene

4. Investment Casting (§ 464.15(f) and § 464.16(f)):

   - 11. 1,1,1-trichloroethane
   - 23. chloroform (trichloromethane)
   - 44. methylene chloride (dichloromethane)
   - 66. bis(2-ethylhexyl) phthalate
   - 84. pyrene
   - 85. tetrachloroethylene
   - 87. trichloroethylene

5. Melting Furnace Scrubber (§ 464.15(g) and § 464.16(g)):

   - 1. acenaphthene
   - 21. 2,4,6-trichlorophenol
   - 22. para-chloro meta-cresol
   - 23. chloroform (trichloromethane)
   - 34. 2,4-dimethylphenol
   - 39. fluoranthene
   - 44. methylene chloride (dichloromethane)
   - 65. phenol
   - 66. bis(2-ethylhexyl) phthalate
   - 68. di-n-butyl phthalate
   - 70. diethyl phthalate
   - 72. benzo (a)anthracene (1,2-benzanthracene)
   - 73. benzo (a)pyrene (3,4-benzopyrene)
   - 84. pyrene

6. Mold Cooling (§ 464.15(h) and § 464.16(h)):

   - 4. benzene
   - 21. 2,4,6-trichlorophenol
   - 22. para-chloro meta-cresol
   - 23. chloroform (trichloromethane)
   - 34. 2,4-dimethylphenol
   - 39. fluoranthene
   - 44. methylene chloride (dichloromethane)
   - 65. phenol
   - 66. bis(2-ethylhexyl) phthalate
   - 67. butyl benzyl phthalate
   - 84. pyrene
   - 85. tetrachloroethylene
   - 87. trichloroethylene

§ 464.12 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 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 practicable control technology currently available, except that non-continuous dischargers shall not be subject to the maximum day and maximum for monthly average mass (kg/1,000 kg or lb/million lb of metal poured; kg/62.3 million Sm³ or lb/billion SCF of air scrubbed) effluent limitations for copper, lead, zinc, total phenols, oil and grease, and TSS. For