

**§ 464.04**

**40 CFR Ch. I (7-1-10 Edition)**

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)*. 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
- 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
- 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

(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