Subpart B—Cast Iron Basis Material Subcategory

§ 466.20 Applicability; description of the cast iron basis material subcategory.

This subpart applies to discharges to waters of the United States and introductions of pollutants into publicly owned treatment works from porcelain enameling of cast iron basis materials.

§ 466.21 Effluent limitations 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.

(a) There shall be no discharge of process wastewater pollutants from metal preparation operations.

(b) The discharge of process wasterwater pollutants from all porcelain enameling coating operations shall not exceed the values set forth below:

SUBPART B—BPT EFFLUENT LIMITATIONS

Pollutant or pollutant Property	Maximum for any 1 day		Maximum for monthly average	
	Mg/m² (pounds per/1million ft²) of Area Coated			
Chromium	0.29	(0.06)	0.12	(0.024)
Lead	0.11	(0.02)	0.09	(0.02)
Nickle	0.98	(0.02)	0.7	(0.15)
Zinc	0.93	(0.19)	0.39	(0.08)
Aluminum	3.16	(0.65)	1.29	(0.27)
Iron	0.86	(0.18)	0.44	(0.09)
Oil and grease	13.86	(2.84)	8.32	(1.71)
TSS	28.42	(5.82)	13.86	(2.84)
pH	(1)	(1)	(1)	(1)

[1] Within the range 7.5 to 10.0 at all times.

§ 466.22 Effluent limitation representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

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.

(a) There shall be no discharge of process wastewater pollutants from metal preparation operations.

(b) The discharge of process wastewater pollutants from all porcelain enameling coating operations shall not exceed the values set forth below:

SUBPART B—BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day		Maximum for monthly average	
	Mg/m² (pounds per/million ft²) of area coated			
Chromium	0.53	(0.11)	0.22	(0.05)
Lead	0.19	(0.04)	0.16	(0.03)
Nickel	1.78	(0.37)	1.26	(0.26)
Zinc	1.68	(0.35)	0.71	(0.15)
Aluminum	5.74	(1.18)	2.35	(0.48)
Iron	1.55	(0.32)	0.79	(0.16)

[47 FR 53184, Nov. 24, 1982, as amended at 50 FR 36543, Sept. 6, 1985]

§ 466.23 New source performance standards.

Any new source subject to this subpart must achieve the following new source performance standards.

(a) There shall be no discharge of process wastewater pollutants from metal preparation operations.

(b) The discharge of process wastewater pollutants from all porcelain enameling coating operations shall not exceed the values set forth below:

SUBPART B—NSPS

Pollutant or pollutant property	Maximum for any 1 day		Maximum for monthly average	
	Mg/m² (pounds per million ft²) of area coated			
Chromium	0.47	(0.10)	0.19	(0.04)
Lead	0.13	(0.03)	0.11	(0.02)
Nickel	0.69	(0.14)	0.47	(0.10)
Zinc	1.29	(0.27)	0.53	(0.11)
Aluminum	3.82	(0.78)	1.56	(0.32)
Iron	1.55	(0.32)	0.79	(0.16)
Oil and grease	12.60	(2.58)	12.60	(2.58)
TSS	18.91	(3.87)	15.12	(3.10)
pH	(1)	(1)	(1)	(1)

[1] Within the range 7.5 to 10.0 at all times.