

Environmental Protection Agency

§ 466.31

SUBPART B—PSES

Pollutant or pollutant property	Maximum for any 1 day		Maximum for monthly average	
	Milligrams per liter (mg/l)			
Chromium	0.42		0.17	
Lead	0.15		0.13	
Nickel	1.41		1.00	
Zinc	1.33		0.56	

(b) In cases when POTW find it necessary to impose mass pretreatment standards the following equivalent mass standards are provided.

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

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

SUBPART B—PSES

Pollutant or pollutant property	Maximum for any 1 day		Maximum for monthly average	
	Metric units—mg/m ² (English Units—pounds per million ft ²) 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)

[47 FR 53184, Nov. 24, 1982, as amended at 50 FR 36544, Sept. 6, 1985]

§ 466.25 Pretreatment standards for new sources.

Except as provided in 40 CFR 403.7, any new source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources.

(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—PSNS

Pollutant or pollutant property	Maximum for any 1 day		Maximum for monthly average	
	Mg/m ² (pounds per million ft ²) 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)

[47 FR 53184, Nov. 24, 1982, as amended at 50 FR 36544, Sept. 6, 1985]

Subpart C—Aluminum Basis Material Subcategory

§ 466.30 Applicability; description of the aluminum 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 aluminum basis materials.

§ 466.31 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:

§ 466.32

40 CFR Ch. I (7-1-12 Edition)

SUBPART C—BPT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day		Maximum for monthly average	
	Metal preparation	Coating operation	Metal preparation	Coating operation
Metric units—mg/m ² of area processed or coated				
Chromium	16.34	6.32	6.63	2.56
Lead	5.84	2.26	5.06	1.96
Nickel	54.85	21.21	38.90	15.04
Zinc	51.73	20.01	21.79	8.43
Aluminum	176.98	68.44	72.35	27.98
Iron	47.85	18.50	24.51	9.48
Oil and grease	777.92	300.84	466.76	108.50
TSS	1,594.74	616.68	777.92	300.82
pH	(¹)	(¹)	(¹)	(¹)
English units—pounds per 1 million ft ² of area processed or coated				
Chromium	3.35	1.30	1.37	0.53
Lead	1.20	0.47	1.04	0.40
Nickel	11.24	4.35	7.97	3.08
Zinc	10.6	4.10	4.46	1.73
Aluminum	36.25	14.02	14.82	5.73
Iron	9.80	3.79	5.02	1.94
Oil and grease	159.33	61.61	95.60	36.97
TSS	326.62	126.33	159.33	61.61
pH	(¹)	(¹)	(¹)	(¹)

¹ Within the range 7.5 to 10.0 at all times.

§ 466.32 Effluent limitations 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.

SUBPART C—BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day		Maximum for monthly average	
	Metal preparation	Coating operation	Metal preparation	Coating operation
Metric units—mg/m ² of area processed or coated				
Chromium	16.34	0.53	6.62	0.22
Lead	5.84	0.19	5.06	0.16
Nickel	54.85	1.78	38.90	1.26
Zinc	51.74	1.68	21.79	1.71
Aluminum	176.98	5.74	72.35	2.35
Iron	47.85	1.55	24.51	0.80
English units—pounds per 1 million ft ² of area processed or coated				
Chromium	3.35	0.11	1.36	0.05
Lead	1.20	0.04	1.04	0.03
Nickel	11.24	0.37	7.97	0.26
Zinc	10.60	0.35	4.46	0.35
Aluminum	36.25	1.18	14.82	0.48
Iron	9.80	0.32	5.02	0.16

[47 FR 53184, Nov. 24, 1982, as amended at 50 FR 36544, Sept. 6, 1985]

§ 466.33 New source performance standards.

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

SUBPART C—NSPS

Pollutant or pollutant property	Maximum for any 1 day		Maximum for monthly average	
	Metal preparation	Coating operation	Metal preparation	Coating operation
Metric units—mg/m ² of area processed or coated				
Chromium	3.60	0.47	1.46	0.19
Lead	0.97	0.13	0.88	0.11
Nickel	5.35	0.69	3.60	0.47
Zinc	9.92	1.29	4.09	0.53
Aluminum	29.46	3.82	12.06	1.56
Iron	11.96	1.55	6.13	0.79
Oil and grease ...	97.24	12.60	97.24	12.60
TSS	145.86	18.91	116.69	15.12
pH	(¹)	(¹)	(¹)	(¹)
English units—pounds per 1 million ft ² of area processed or coated				
Chromium	0.74	0.10	0.30	0.04
Lead	0.20	0.03	0.18	0.20
Nickel	1.10	0.14	0.74	0.10
Zinc	2.03	0.27	0.84	0.11
Aluminum	6.03	0.78	2.47	0.32
Iron	2.45	0.32	1.26	0.16
Oil and grease ...	19.92	2.58	19.92	2.58
TSS	29.88	3.87	23.90	3.10
pH	(¹)	(¹)	(¹)	(¹)

¹ Within the range 7.5 to 10.0 at all times.