

Environmental Protection Agency
§ 471.85
SUBPART H—NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/off-kg (pounds per million off-pounds) of zinc sawed or ground with emulsions		
Chromium	0.009	0.004
Copper	0.031	0.015
Cyanide	0.005	0.002
Zinc	0.025	0.010
Oil and grease	0.235	0.235
TSS	0.357	0.286
pH	(¹)	(¹)

¹Within the range of 7.5 to 10.0 at all times.

(m) Electrocoating rinse.
SUBPART H—NSPS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/off-kg (pounds per million off-pounds) of zinc electrocoated		
Chromium	0.085	0.035
Copper	0.293	0.140
Cyanide	0.046	0.019
Zinc	0.234	0.096
Oil and grease	2.29	2.29
TSS	3.44	2.75
pH	(¹)	(¹)

¹Within the range of 7.5 to 10.0 at all times

(n) Degreasing spent solvents—Subpart H—NSPS. There shall be no discharge of process wastewater pollutants.

[50 FR 34270, Aug. 23, 1985; 51 FR 2888, Jan. 22, 1986]

§ 471.84 Pretreatment standards for existing sources (PSES). [Reserved]
§ 471.85 Pretreatment standards for new sources (PSNS).

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 (PSNS). The mass of the wastewater introduced into a POTW shall not exceed the following values:

(a) Rolling spent neat oils—Subpart H—PSNS. There shall be no discharge of process wastewater pollutants.

(b) Rolling spent emulsions.

SUBPART H—PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/off-kg (pounds per million off-pounds) of zinc rolled with emulsions		
Chromium	0.0005	0.0002
Copper	0.002	0.0009
Cyanide	0.0003	0.0001
Zinc	0.002	0.0006

(c) Rolling contact cooling water.
SUBPART H—PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/off-kg (pounds per million off-pounds) of zinc rolled with contact cooling water		
Chromium	0.020	0.008
Copper	0.069	0.033
Cyanide	0.011	0.004
Zinc	0.055	0.023

(d) Drawing spent emulsions.
SUBPART H—PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/off-kg (pounds per million off-pounds) of zinc drawn with emulsions		
Chromium	0.002	0.0009
Copper	0.008	0.004
Cyanide	0.001	0.0005
Zinc	0.006	0.003

(e) Direct chill casting contact cooling water.
SUBPART H—PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/off-kg (pounds per million off-pounds) of zinc cast by the direct chill method		
Chromium	0.019	0.008
Copper	0.065	0.031
Cyanide	0.010	0.004
Zinc	0.052	0.021

(f) Stationary casting contact cooling water—Subpart H—PSNS. There shall be

§471.85

no discharge of process wastewater pollutants.

(g) *Heat treatment contact cooling water.*

SUBPART H—PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/off-kg (pounds per million off-pounds) of zinc heat treated		
Chromium	0.029	0.012
Copper	0.098	0.047
Cyanide	0.016	0.006
Zinc	0.078	0.032

(h) *Surface treatment spent baths.*

SUBPART H—PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/off-kg (pounds per million off-pounds) of zinc surface treated		
Chromium	0.033	0.014
Copper	0.114	0.054
Cyanide	0.018	0.007
Zinc	0.091	0.038

(i) *Surface treatment rinse.*

SUBPART H—PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/off-kg (pounds per million off-pounds) of zinc surface treated		
Chromium	0.133	0.054
Copper	0.459	0.219
Cyanide	0.072	0.029
Zinc	0.365	0.151

(j) *Alkaline cleaning spent baths.*

SUBPART H—PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/off-kg (pounds per million off-pounds) of zinc alkaline cleaned		
Chromium	0.002	0.0006
Copper	0.005	0.002
Cyanide	0.0007	0.0003
Zinc	0.004	0.002

(k) *Alkaline cleaning rinse.*

40 CFR Ch. I (7-1-00 Edition)**SUBPART H—PSNS**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/off-kg (pounds per million off-pounds) of zinc alkaline cleaned		
Chromium	0.626	0.254
Copper	2.17	1.03
Cyanide	0.338	0.134
Zinc	1.73	0.710

(l) *Sawing or grinding spent emulsions.*

SUBPART H—PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/off-kg (pounds per million off-pounds) of zinc sawed or ground with emulsions		
Chromium	0.009	0.004
Copper	0.031	0.015
Cyanide	0.005	0.002
Zinc	0.025	0.010

(m) *Electrocoating rinse.*

SUBPART H—PSNS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/off-kg (pounds per million off-pounds) of zinc electrocoated		
Chromium	0.085	0.035
Copper	0.293	0.140
Cyanide	0.046	0.019
Zinc	0.234	0.096

(n) *Decreasing spent solvents—Subpart H—PSNS.* There shall be no discharge of process wastewater pollutants.

[50 FR 34270, Aug. 23, 1985; 51 FR 2888, Jan. 22, 1986]