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SUBPART I

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kilograms per day	
Chromium	0.0819	0.0327
Nickel	0.0735	0.0245

The above limitations shall be applicable to each fume scrubber associated with a combination acid pickling operation.

[47 FR 23284, May 27, 1982; 47 FR 41739, Sept. 22, 1982, as amended at 49 FR 21031, May 17, 1984; 49 FR 24726, June 15, 1984]

§ 420.94 New source performance standards (NSPS).

The discharge of wastewater pollutants from any new source subject to this subpart shall not exceed the standards set forth below.

(a) *Sulfuric acid pickling (spent acid solutions and rinse waters)*—(1) *Rod, wire, and coil.*

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Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kg/kg (pounds per 1,000 lb) of product	
TSS	0.0146	0.00626
O&G*	0.00626	0.00209
Lead	0.0000939	0.0000313
Zinc	0.000125	0.0000417
pH	(¹)	(¹)

*The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

¹ Within the range of 6.0 to 9.0.

(2) *Bar, billet, and bloom.*

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kg/kg (pounds per 1,000 lb) of product	
TSS	0.00876	0.00376
O&G*	0.00376	0.00125

SUBPART I—Continued

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Lead	0.0000563	0.0000188
Zinc	0.0000751	0.0000250
pH	(¹)	(¹)

*The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

¹ Within the range of 6.0 to 9.0.

(3) *Strip, sheet, and plate.*

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.0117	0.00501
O&G ¹	0.00501	0.00167
Lead	0.0000751	0.0000250
Zinc	0.000100	0.0000334
pH	(²)	(²)

¹ The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

² Within the range of 6.0 to 9.0.

(4) *Pipe, tube and other products.*

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.0204	0.00876
O&G ¹	0.00876	0.00292
Lead	0.000131	0.0000438
Zinc	0.000175	0.0000584
pH	(²)	(²)

¹ The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

² Within the range of 6.0 to 9.0.

(5) *Fume scrubbers.*

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Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kilograms per day	
TSS	5.72	2.45
O&G ¹	2.45	0.819
Lead	0.0368	0.0123
Zinc	0.0491	0.0164
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

²Within the range of 6.0 to 9.0.

The above limitations shall be applicable to each fume scrubber associated with a sulfuric acid pickling operation.

(b) *Hydrochloric acid pickling (spent acid solutions and rinse waters)*—(1) *Rod, wire, and coil.*

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.0175	0.00751
O&G ¹	0.00751	0.00250
Lead	0.000113	0.0000376
Zinc	0.000150	0.0000501
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

²Within the range of 6.0 to 9.0.

(2) *Strip, sheet, and plate.*

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.0117	0.00501
O&G ¹	0.00501	0.00167
Lead	0.0000751	0.0000250
Zinc	0.000100	0.0000334
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

¹Within the range of 6.0 to 9.0.

(3) *Pipe, tube, and other products.*

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.0321	0.0138
O&G ¹	0.0138	0.00459
Lead	0.000206	0.0000688
Zinc	0.000275	0.0000918
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

²Within the range of 6.0 to 9.0.

(4) *Fume scrubbers.*

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kilograms per day	
TSS	5.72	2.45
O&G ¹	2.45	0.819
Lead	0.0368	0.0123
Zinc	0.0491	0.0164
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.

²Within the range of 6.0 to 9.0.

The above limitations shall be applicable to each fume scrubber associated with a hydrochloric acid pickling operation.

(c) *Combination acid pickling (spent acid solutions and rinse waters)*—(1) *Rod, wire, and coil.*

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kg/kg (pounds per 1,000 lb) of product	
TSS	0.0204	0.00876
O&G ¹	0.00876	0.00292
Chromium	0.000292	0.000117
Nickel	0.000263	0.0000876

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SUBPART I—Continued

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.
²Within the range of 6.0 to 9.0.

(2) *Bar, billet, and bloom.*

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kg/kg (pounds per 1,000 lb) of product	
TSS	0.0117	0.00501
O&G ¹	0.00501	0.00167
Chromium	0.000167	0.0000667
Nickel	0.000150	0.0000501
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.
²Within the range of 6.0 to 9.0.

(3) *Strip, sheet and plate—continuous.*

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.0496	0.0213
O&G ¹	0.0213	0.00710
Chromium	0.000710	0.000284
Nickel	0.000638	0.000213
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.
²Within the range of 6.0 to 9.0.

(4) *Strip, sheet, and plate—batch.*

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.0175	0.00751
O&G ¹	0.00751	0.00250
Chromium	0.000250	0.000100
Nickel	0.000225	0.0000751
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.
²Within the range of 6.0 to 9.0.

(5) *Pipe, tube, and other products.*

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.0292	0.0125
O&G ¹	0.0125	0.00418
Chromium	0.000418	0.000167
Nickel	0.000376	0.000125
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.
²Within the range of 6.0 to 9.0.

(6) *Fume scrubbers.*

SUBPART I

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kilograms per day	
TSS	5.72	2.45
O&G ¹	2.45	0.819
Chromium	0.0819	0.0327
Nickel	0.0735	0.0245
pH	(²)	(²)

¹The limitations for oil and grease shall be applicable when acid pickling wastewaters are treated with cold rolling wastewaters.
²Within the range of 6.0 to 9.0.

The above limitations shall be applicable to each fume scrubber associated

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with a combination acid pickling operation.

[47 FR 23284, May 27, 1982, as amended at 49 FR 21032, May 17, 1984]

§ 420.95 Pretreatment standards for existing sources (PSES).

Except as provided in 40 CFR 403.7 and 403.13, any existing 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 existing sources.

(a) *Sulfuric acid (spent acid solutions and rinse waters)*—(1) *Rod, wire, and coil.*

SUBPART I

Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
Lead	0.000526	0.000175
Zinc	0.000701	0.000234

(2) *Bar, billet, and bloom.*

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Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
Lead	0.000169	0.0000563
Zinc	0.000225	0.0000751

(3) *Strip, sheet, and plate.*

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Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
Lead	0.000338	0.000113
Zinc	0.000451	0.000150

(4) *Pipe, tube, and other products.*

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Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
Lead	0.000939	0.000313
Zinc	0.00125	0.000417

(5) *Fume scrubber.*

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Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kilograms per day	
Lead	0.0368	0.0123
Zinc	0.0491	0.0164

Note: The above limitations are applicable to each fume scrubber associated with sulfuric acid pickling operations.

(b) *Hydrochloric acid pickling (spent acid solutions and rinse waters)*—(1) *Rod, wire, and coil.*

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Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
Lead	0.000920	0.000307
Zinc	0.00123	0.000409

(2) *Strip, sheet, and plate.*

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Pollutant or pollutant property	Pretreatment standards for existing sources	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
Lead	0.000526	0.000175