

Environmental Protection Agency

§ 420.104

SUBPART J

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
Chromium ¹	0.0000209	0.0000084
Lead	0.0000094	0.0000031
Nickel ¹	0.0000188	0.0000063
Zinc	0.0000063	0.0000021

¹ The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold forming wastewaters are treated with descaling or combination acid pickling wastewaters.

(2) *Using oil solutions.*

SUBPART J

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
Chromium ¹	0.0000209	0.0000084
Lead	0.0000094	0.0000031
Nickel ¹	0.0000188	0.0000063
Zinc	0.0000063	0.0000021
Naphthalene	0.0000021	.....
Tetrachloroethylene	0.0000031	.....

¹ The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold forming wastewaters are treated with descaling or combination acid pickling wastewaters.

[47 FR 23284, May 27, 1982, as amended at 49 FR 21035, May 17, 1984]

§ 420.104 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) *Cold rolling mills—(1) Recirculation—single stand.*

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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/kkg (pounds per 1,000 lb) of product	
TSS	0.00125	0.000626
O&G	0.000522	0.000209

SUBPART J—Continued

Pollutant or pollutant property	New source performance standards	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kkg (pounds per 1,000 lb) of product	
Chromium ¹	0.0000209	0.0000084
Lead	0.0000094	0.0000031
Nickel ¹	0.0000188	0.0000063
Zinc	0.0000063	0.0000021
Naphthalene	0.0000021	.....
Tetrachloroethylene	0.0000031	.....
pH	(²)	(²)

¹ The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are cotreated with descaling or combination acid pickling wastewaters.

² Within the range of 6.0 to 9.0.

(2) *Recirculation—multiple stands.*

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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/kkg (pounds per 1,000 lb) of product	
TSS	0.00250	0.00125
O&G	0.00104	0.000417
Chromium ¹	0.0000418	0.0000167
Lead	0.0000188	0.0000063
Nickel ¹	0.0000376	0.0000125
Zinc	0.0000125	0.0000042
Naphthalene	0.0000042	.....
Tetrachloroethylene	0.0000063	.....
pH	(²)	(²)

¹ The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are treated with descaling or combination acid pickling wastewaters.

² Within the range of 6.0 to 9.0.

(3) *Combination.*

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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/kkg (pounds per 1,000 lb) of product	
TSS	0.0326	0.0163
O&G	0.0136	0.00543
Chromium ¹	0.000543	0.000217
Lead	0.000244	0.0000814
Nickel ¹	0.000488	0.000163
Zinc	0.000163	0.0000542
Naphthalene	0.0000542
Tetrachloroethylene	0.0000813

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SUBPART J—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)

¹ The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are treated with descaling or combination acid pickling wastewaters.

² Within the range of 6.0 to 9.0.

(4) *Direct application—single stand.*

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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	0.00626	0.00313
O&G	0.00261	0.00104
Chromium ¹	0.000104	0.0000418
Lead	0.0000469	0.0000156
Nickel ¹	0.0000939	0.0000313
Zinc	0.0000313	0.0000104
Naphthalene	0.0000104	.....
Tetrachloro-ethylene	0.0000156	.....
pH	(²)	(²)

¹ The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are treated with descaling or combination acid pickling wastewaters.

² Within the range of 6.0 to 9.0.

(5) *Direct application—multiple stands.*

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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	0.0726	0.0363
O&G	0.0302	0.0121
Chromium ¹	0.00121	0.000484
Lead	0.000545	0.000182
Nickel ¹	0.00109	0.000363
Zinc	0.000363	0.000121
Naphthalene	0.000121	.....
Tetrachloro-ethylene	0.000182	.....
pH	(²)	(²)

¹ The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold rolling wastewaters are treated with descaling or combination acid pickling wastewaters.

² Within the range of 6.0 to 9.0.

(b) *Cold worked pipe and tube mills—(1) Using water.*

SUBPART J

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	0.00125	0.000626
O&G	0.000522	0.000209
Chromium ¹	0.0000209	0.0000084
Lead	0.0000094	0.0000031
Nickel ¹	0.0000188	0.0000063
Zinc	0.0000063	0.0000021
pH	(²)	(²)

¹ The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold forming wastewaters are cotreated with descaling or combination acid pickling wastewaters.

² Within the range of 6.0 to 9.0.

(2) *Using oil solutions.*

SUBPART J

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	0.00125	0.000626
O&G	0.000522	0.000209
Chromium ¹	0.0000209	0.0000084
Lead	0.0000094	0.0000031
Nickel ¹	0.0000188	0.0000063
Zinc	0.0000063	0.0000021
Naphthalene	0.0000021	.....
Tetrachloroethylene	0.0000031	.....
pH	(²)	(²)

¹ The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold forming wastewaters are cotreated with descaling or combination acid pickling wastewaters.

² Within the range of 6.0 to 9.0.

[47 FR 23284, May 27, 1982, as amended at 49 FR 21035, May 17, 1984; 49 FR 24726, June 15, 1984]

§ 420.105 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.