to the provisions of this subpart and which uses aluminum fluoride in its magnesium removal process (''demagging process''), after application of the best practicable control technology currently available: There shall be no discharge of process wastewater pollutants to navigable waters.

(c) The following limitations establish the quantity or quality of pollutants or pollutant properties controlled by this section, which may be discharged by a point source subject to the provisions of this subpart and which uses chlorine in its magnesium removal process, after application of the best practicable control technology currently available:

EFFLUENT LIMITATIONS

Effluent characteristic	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kilograms per 1,000 kg magnesium removed)
TSS	175
COD	6.5
pH	(1)

[1] Within the range of 7.5 to 9.0.

(d) The following limitations establish the quantity or quality of pollutants or pollutant properties which may be discharged by a point source subject to the provisions of this subpart and which processes residues by wet methods, after application of the best practical control technology currently available:

EFFLUENT LIMITATIONS

Effluent characteristic	Average of daily values for 30 consecutive days shall not exceed—
	Metric units (kilograms per 1,000 kg of product)
TSS	1.5
Fluoride	0.4
Ammonia (as N)	0.01
Aluminum	1.0
Copper	0.003
COD	1.0
pH	(1)

[1] Within the range of 7.5 to 9.0.

§ 421.33 Effluent limitations guidelines 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 shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable:

(a) Subpart C—Scrap Drying Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pound's per million pounds) of aluminum scrap dried	
Lead	.000	.000
Zinc	.000	.000
Aluminum	.000	.000
Ammonia (as N)	.000	.000

(b) Subpart C—Scrap Screening and Milling.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pound's per million pounds) of aluminum scrap screened and milled	
Lead	.000	.000
Zinc	.000	.000
Aluminum	.000	.000
Ammonia (as N)	.000	.000

(c) Subpart C—Dross Washing.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pound's per million pounds) of dross washed	
Lead	3.043	1.413
Zinc	11.090	4.565
Aluminum	66.410	29.450
Ammonia (as N)	1,449.000	636.900

(d) Subpart C—Demagging Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (lb/million lbs) of aluminum demagged	
Lead	0.216	0.100
Zinc	0.786	0.324
Aluminum	4.711	2.090
Ammonia (as N)	102.800	45.180

(e) Subpart C—Delacquering Wet Air Pollution Control.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pound's per million pounds) of aluminum delacquered	
Lead	0.093	0.043
Zinc	0.340	0.140
Aluminum	2.035	0.903
Ammonia (as N)	44.389	19.514
Total phenolics (4-AAP method) [1]	0.004	

[1] At the source.

(f) Subpart C—Direct Chill Casting Contact Cooling.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of aluminum cast	
Lead	.372	.173
Zinc	1.356	.558
Aluminum	8.120	3.602
Ammonia (as N)	177.200	77.880

(g) Subpart C—Ingot Conveyor Casting Contact Cooling (When Chlorine Demagging Wet Air Pollution Control is Not Practiced On-Site).

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (lb/million lbs) of aluminum cast	
Lead	0.019	0.009
Zinc	0.068	0.028
Aluminum	0.409	0.182
Ammonia (as N)	8.931	3.926

(h) Subpart C—Ingot Conveyor Casting Contact Cooling (When Chloride Demagging Wet Air Pollution Control is Practiced On Site).

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of aluminum cast	
Lead	.000	.000
Zinc	.000	.000
Aluminum	.000	.000
Ammonia (as N)	.000	.000

(i) Subpart C—Stationary Casting Contact Cooling.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of aluminum cast	
Lead	.000	.000
Zinc	.000	.000
Aluminum	.000	.000
Ammonia (as N)	.000	.000

(j) Subpart C—Shot Casting Contact Cooling.

BAT EFFLUENT LIMITATIONS

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of aluminum cast	
Lead	.000	.000
Zinc	.000	.000
Aluminum	.000	.000
Ammonia (as N)	.000	.000

[49 FR 8796, Mar. 8, 1984; 49 FR 26739, June 29, 1984, as amended at 49 FR 29794, July 24, 1984; 52 FR 25559, July 7, 1987]

§ 421.34 Standards of performance for new sources.

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

(a) Subpart C—Scrap Drying Wet Air Pollution Control.