

§ 421.301

which do not practice electrolytic recovery of magnesium are exempt from regulations. All other primary and secondary titanium facilities are covered by these regulations.

§ 421.301 Specialized definitions.

For the purpose of this subpart the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

§ 421.302 Effluent limitations guidelines 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 shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable technology currently available:

(a) Chlorination off-gas wet air pollution control.

BPT LIMITATIONS FOR THE PRIMARY AND SECONDARY TITANIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/kg (pounds per million pounds) of TiCl ₄ produced		
Chromium (total)	0.412	0.168
Lead	0.393	0.187
Nickel	1.797	1.189
Titanium	0.880	0.384
Oil and grease	18.720	11.230
Total suspended solids	38.380	18.250
pH	(¹)	(¹)

AA¹Within the range of 7.5 to 10.0 at all times.

(b) Chlorination area-vent wet air pollution control.

BPT LIMITATIONS FOR THE PRIMARY AND SECONDARY TITANIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/kg (pounds per million pounds) of TiCl ₄ produced		
Chromium (total)	0.412	0.168
Chromium (total)	0.458	0.187
Lead	0.437	0.208
Nickel	1.997	1.321
Titanium	0.978	0.426
Oil and grease	20.800	12.480

40 CFR Ch. I (7-1-00 Edition)

BPT LIMITATIONS FOR THE PRIMARY AND SECONDARY TITANIUM SUBCATEGORY—Continued

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
Total suspended solids	42.640	20.280
pH	(¹)	(¹)

AA¹Within the range of 7.5 to 10.0 at all times.

(c) TiCl₄ handling wet air pollution control.

BPT LIMITATIONS FOR THE PRIMARY AND SECONDARY TITANIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/kg (pounds per million pounds) of TiCl ₄ handled		
Chromium (total)	0.082	0.034
Lead	0.079	0.037
Nickel	0.359	0.237
Titanium	0.176	0.077
Oil and grease	3.740	2.244
Total suspended solids	7.667	3.647
pH	(¹)	(¹)

AA¹Within the range of 7.5 to 10.0 at all times.

(d) Reduction area wet air pollution control.

BPT LIMITATIONS FOR THE PRIMARY AND SECONDARY TITANIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/kg (pounds per million pounds) of titanium produced		
Chromium (total)	18.170	7.435
Lead	17.350	8.261
Nickel	79.300	52.450
Titanium	38.820	16.930
Oil and grease	826.100	495.600
Total suspended solids	1,693.000	805.400
pH	(¹)	(¹)

AA¹Within the range of 7.5 to 10.0 at all times.

(e) Melt cell wet air pollution control.

BPT LIMITATIONS FOR THE PRIMARY AND SECONDARY TITANIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
mg/kg (pounds per million pounds) of titanium produced		
Chromium (total)	9.352	3.826
Lead	8.927	4.251