

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21265

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
			lb/hr	TPY
FL-56-22	Vapor Combustor	CO	6.4	12.0
		C ₆ H ₆	0.66	1.23
		NO _x	2.6	4.8
		PM ₁₀	0.3	0.5
		VOC	2.85	5.34
56-95-489	Carbon Columns (5) (6)	C ₆ H ₆	2.22	1.38
56-95-490		VOC	11.80	14.94
56-95-491				
56-95-68	CPI Equalization Tank	VOC	0.85	2.39
		C ₆ H ₆	0.06	0.16
56-95-74	Spent Caustic Equalization Tank	VOC	0.48	1.33
		C ₆ H ₆	0.03	0.09
56-95-71	Bio Equalization Tank	VOC	<0.01	<0.01
56-95-72	Bio Equalization Tank	VOC	<0.01	<0.01
56-0-000	Process Fugitives (4)	C ₆ H ₆	0.08	0.17
		VOC	0.17	0.74
56-0-001	Process Fugitives (4)	C ₆ H ₆	0.07	0.14
		VOC	0.14	0.61

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) CO - carbon monoxide
 NO_x - nitrogen oxides
 PM₁₀ - particulate matter less than 10 microns
 VOC - volatile organic compounds as defined in General Rule 101.1
 C₆H₆ - benzene

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The total VOC emission rate shall not exceed 11.8 pounds an hour and 14.94 TPY when any two carbon beds are on line.

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(6) The total C_6H_6 emission rate shall not exceed 2.22 pounds an hour and 1.38 TPY when any two carbon beds are on line.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day___Days/week___Weeks/year___or Hrs/year 8,760

Dated _____