

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22086

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)	Name (3)	Air Contaminant lb/hr TPY	Emission Rates *	
19-0-0	Fugitive Components (4)		VOC	0.630	2.757
			Benzene (5)	0.168	0.735
68-95-92 and 68-95-93	Tanks (two tanks) **		Benzene		1.146
68-95-92	Tank		Benzene	0.132	
68-95-93	Tank		Benzene	0.132	
68-95-77, 94, 95, 222, and 227	Tanks (five tanks) **		VOC		3.784
68-95-77	Tank		VOC	0.270	
68-95-94	Tank		VOC	0.342	
68-95-95	Tank		VOC	0.342	
68-95-222	Tank		VOC	1.110	
68-95-227	Tank		VOC	1.110	
54-22-11	Cooling Tower		VOC	0.033	0.150
15-36-2	Decoke Furnace		VOC	0.025	0.003
			SO ₂	0.003	<0.001
			NO _x	0.470	0.061
			CO	0.025	0.003
			PM ₁₀	0.023	0.003

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56-61-11	Flare (6)	VOC	0.008	0.040
		NO _x	0.420	1.840
		SO ₂	0.002	0.008
		CO	0.105	0.460

- (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) VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
PM₁₀ - particulate matter less than 10 microns in diameter
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Speciated emission allowable rates are included in VOC rates.
- (6) Flare is also for emergency flaring during periods of maintenance or process upset as represented in permit application.
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:
- ** The combined annual emission rate for these tanks shall not exceed rates specified in TPY column.

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

Dated_____