

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8402A

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

BEFORE STORAGE TANK RETROFIT

56-61-1	Flare	VOC	0.50	2.20
		NO _x	2.42	10.55
		SO ₂	<0.01	0.03
		CO	4.83	21.10
3	Tank	VOC		1.90
4	Tank	VOC		1.90
34	Tank	VOC		2.70
409	Tank	VOC		0.20
410	Tank	VOC		1.30
411	Tank	VOC		0.20
413	Tank	VOC		0.20
54-22-11	Cooling Tower (4)	VOC	0.08	0.36
78	Piping Fugitives (4)	VOC		8.10

AFTER STORAGE TANK RETROFIT (5)

56-61-1	Flare	VOC	0.16	0.71
		NO _x	0.95	4.15
		SO ₂	<0.01	0.03

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		CO	1.90	8.30
68-95-3	Tank	VOC	0.07	0.22
68-95-4	Tank	VOC	0.07	0.22

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
68-95-34	Tank	VOC	0.18	0.46
68-95-409	Tank	Benzene (6)	0.12	0.34
		VOC	0.06	0.19
68-95-410	Tank	Benzene (6)	0.06	0.19
		VOC	0.23	0.76
68-95-411	Tank	Benzene (6)	0.07	0.19
		VOC	0.12	0.39
68-95-413	Tank	Benzene (6)	0.12	0.34
		VOC	0.06	0.19
54-22-11	Cooling Tower (4)	Benzene (6)	0.02	0.09
		VOC	0.08	0.36
7-0-0	Piping Fugitives (4)	Benzene (6)	0.19	0.85
		VOC	1.00	4.39

- (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
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Effective Date - On or before January 31, 1995.

(6) Benzene emissions not included in VOC emission number.

* 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_____