

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 7363

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)	Emission Rates *	
			lb/hr	TPY**
1M-1	Storage Tank	VOC	0.63	0.48
30M-1	Storage Tank	VOC	3.09	7.94
40M-1	Storage Tank	VOC	12.04	1.52
55M-1	Storage Tank	VOC	3.05	8.71
80M-1	Storage Tank	VOC	3.09	9.39
80M-2	Storage Tank	VOC	1.88	5.22
A-1	Additive Tank A-1	VOC	0.49	0.01
A-2	Additive Tank A-2	VOC	0.09	<0.01
A-3	Additive Tank A-3	VOC	0.62	0.01
A-4	Additive Tank A-4	VOC	1.71	0.07
F-1	Piping Fugitives (4)	VOC	0.04	0.18
L-1	Uncollected Loading Losses(7)	VOC	24.08	6.12
VCU	Vapor Combustion Unit	VOC	11.21	35.96
		NO _x	5.93	12.62
		CO	9.88	21.04
OWS	Oil/Water Separator	VOC	0.60	0.04
	Site-wide HAPs	Individual HAP		4.49
		Total HAP		10.51

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- (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 Title 30 Texas Administrative Code § 101.1 (includes benzene)
HAP -hazardous air pollutant as defined under Title 40 Code of Federal Regulations Part 63, Subpart C
NO_x -total oxides of nitrogen
CO -carbon monoxide
 - (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
 - (5) Emissions from storage tanks are calculated using: (a) AP-42 "Compilation of Air Pollution Emission factors, Fifth Edition, Chapter 7 - Liquid Storage Tanks" including Supplement D pages dated September 1997 and (b) the draft Texas Commission on Environmental Quality (TCEQ) publication titled "Technical Guidance Package for Chemical Sources - Storage Tanks" dated February, 2001.
 - (6) Emissions from loading operations are calculated using: (a) AP-42 "Compilation of Air Pollution Emission factors, Fifth Edition, Chapter 5.2 - Transportation and Marketing of Petroleum Liquids" dated January 1995 and (b) the draft TCEQ publication titled "Technical Guidance Package for Chemical Sources - Loading Operations" dated October, 2000.
 - (7) Emissions from loading without vacuum assist in operation.
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Date June 23, 2004

