

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 9357 and PSD-TX-614

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. **(5/09)**

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
E-1	1500 HP Engine	VOC	6.61	29.00
		NO _x	33.10	144.80
		CO	33.10	144.80
		PM ₁₀	0.22	0.96
		SO ₂	0.16	0.72
E-2	1500 HP Engine	VOC	6.61	29.00
		NO _x	33.10	144.80
		CO	33.10	144.80
		PM ₁₀	0.22	0.96
		SO ₂	0.16	0.72
E-3A	1100 HP Engine (6)	VOC	0.90	3.92
		NO _x	7.27	31.80
		CO	8.48	37.10
		PM ₁₀	0.08	0.33
		SO ₂	0.12	0.50
E-4A	1100 HP Engine (6)	VOC	0.90	3.92
		NO _x	7.27	31.80
		CO	8.48	37.10
		PM ₁₀	0.08	0.33
		SO ₂	0.12	0.50
E-5	1100 HP Engine (5)	VOC	0.92	4.03
		NO _x	12.10	53.10
		CO	7.30	31.90
		PM ₁₀	0.08	0.34
		SO ₂	0.16	0.72
E-6	1775 HP Engine	VOC	1.17	5.14

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AIR CONTAMINANTS DATA				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
		NO _x	3.91	17.10
		CO	0.78	3.42
		PM ₁₀	0.11	0.49
		SO ₂	0.11	0.50
TANK-1	Storage Tank	VOC	0.10	0.42
TANK-2	Storage Tank	VOC	0.10	0.42
TANK-3	Storage Tank	VOC	0.10	0.42
TANK-4	Storage Tank	VOC	0.10	0.42
TANK-5	Storage Tank	VOC	0.01	0.01
TANK-6	Storage Tank	VOC	6.37	27.95
TL-1	Truck Loading	VOC	1.41	0.16
F-1	Plant Fugitives (4)	VOC	1.39	6.05

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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
NO_x - total oxides of nitrogen
CO - carbon monoxide
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
 - (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
 - (5) The NO_x emissions from Engine E-5 are authorized by Permit Number PSD-TX-614.
 - (6) Emissions for these facilities were authorized under permit by rule (PBR) and incorporated by reference only into this permit. The requirements of PBR 106.512, registration No.55178 are still in effect for these facilities.
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

____Hrs/day ____Days/week ____Weeks/year or 8,760 Hrs/year

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

Dated April 27, 2009