

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 36372

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
1	Scrubber Stack	PM ₁₀	3.40	1.20
		NO _x	6.60	2.34
		CO	15.60	5.53
		SO ₂	1.32	0.47
		VOC (a)	3.84	1.12
		VOC (b)	210.00	13.13
2-5	Material Handling (4)	PM	3.75	0.22
		PM ₁₀	1.32	0.08
6	Stockpile Fugitives (4) 2.05	PM	---	---
		PM ₁₀	---	1.02
		VOC (b)	0.73	7.88
7	Truck Loadout (4)	PM ₁₀	0.06	0.02
		CO	0.16	0.05
		VOC	0.47	0.14
8	Hot Oil Heater Stack	PM ₁₀	0.65	0.55
		NO _x	3.94	3.35
		CO	0.24	0.20
		SO ₂	16.77	14.25
		VOC	0.04	0.03
9	Storage Silo Filling (4) 0.02	PM ₁₀		0.07
		CO	0.14	0.04
		VOC	1.46	0.43

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10	Asphalt Storage Tank (4) 0.77 (10,000 gallon)	VOC	0.47
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AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
11	Diesel Storage tank (4) (10,000 gallon)	VOC	0.07	0.01

(1) Emission point identification from plot plan.

(2) Specific point source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.

VOC(a) - standard mix

VOC(b) - cold mix

PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

(4) Emission rates are an estimate only

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

Hours/day	<u>8.5</u>	Days/week	<u>5</u>	Weeks/year	<u>40</u>
or Hours/year	<u>1,700</u>				

Product	HP (ton/hr)	WP (ton/wk)	AP (Tons/Yr.)
Standard Mix	120		--- 70,000
Cold Mix(Emulsion)	120	346	15,000

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Dated November 12, 2007