

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 53441L001

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
1	Drum/Dryer Baghouse Stack	VOC (a)	12.80	4.80
		NO _x	22.00	8.25
		CO	52.00	19.50
		SO ₂	4.40	1.65
		PM ₁₀	17.60	6.60
2	Material Handling (4)	PM	1.90	0.71
		PM ₁₀	0.90	0.34
3	Stockpiles (4)	PM	*	1.40
		PM ₁₀	*	0.70
4	Caterpillar D389 Generator (4)	NO _x	29.42	14.71
		CO	6.49	3.24
		SO ₂	2.98	1.49
		PM ₁₀	0.60	0.30
		VOC	0.89	0.45
5	Lime Storage Silo	PM ₁₀	0.01	0.01
6	Asphalt Loadout (4)	PM	0.10	0.04
		CO	0.10	0.03
		VOC	0.29	0.11
7	3 Liquid Storage Tanks (4) (5)	VOC	0.75	0.03
8	Surge Bins(4)	PM	0.10	0.04
		CO	0.10	0.03
		VOC	0.29	0.11

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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
 - VOC (a) - from standard mix asphalt concrete
 - VOC (b) - from cold mix asphalt concrete
 - NO_x - nitrogen oxide
 - CO - carbon monoxide
 - SO₂ - sulfur dioxide
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or 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.

- (4) Fugitive emissions are an estimate only.

- (5) The three storage tanks are the asphalt storage tank, diesel storage tank, and the fuel oil storage tank.

- * Emission rates are based on and the facility is limited to the following asphalt concrete production rates and operating schedule:

 ** hours/day 6 days/week 52 weeks/year 4,368 hours/year

	<u>tons/hour</u>	<u>tons/year</u>
Standard hot-mix (7/03)	400	300,000

Dated July 29, 2003

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** Normal asphalt plant operations will be limited to daytime hours beginning one hour after sunrise and ending one hour before sunset. **(7/03)**