

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 46199

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
		VOC (b)	280.00	20.30
		NO _x	22.00	8.25
		CO	52.00	20.36
		SO ₂	23.20	9.08
		PM ₁₀	8.55	3.35
2	Material Handling (4)	PM	8.10	3.26
		PM ₁₀	1.87	0.66
3	Stockpiles (4)	PM	*	1.83
		PM ₁₀	*	0.88
		VOC (b)	0.01	20.30
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)	VOC	2.02	0.76
7	3 Liquid Storage Tanks (4) (5)	VOC	0.75	0.03

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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 30 Texas Administrative Code Section 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:

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

	<u>tons/hour</u>	<u>tons/year</u>
Standard hot-mix	400	300,000
Cold mix asphalt with emulsion	125	3,200
Cold mix asphalt with medium cure	80	10,000

The use of cutback oil additive will be limited to a maximum concentration of 8.5 percent oil (by weight) of cold-mix asphalt produced.

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The use of emulsion additive will be limited to a maximum concentration of 8.0 percent (by weight) of cold-mix asphalt produced.

Dated May 8, 2001