

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 5003A

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)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
EPN 10	Dryer Wet Scrubber Stack	PM	5.40	2.32
		VOC(a)	3.84	1.65
		VOC(b)	157.50	6.30
		NO _x	6.60	2.84
		SO ₂	6.96	2.99
		CO	15.60	6.71
EPN 11	Silo Filling (4)	PM	0.07	0.03
		VOC	1.46	0.63
		CO	0.14	0.06
EPN 12	Truck Loadout (4)	PM	0.06	0.03
		VOC	0.47	0.20
		CO	0.16	0.07
EPN 13	Hot Oil Heater	PM ₁₀	0.03	0.07
		VOC	<0.01	<0.01
		NO _x	0.20	0.44
		SO ₂	0.85	1.87
		CO	0.01	0.03
EPN 14	Lime Silo Baghouse	PM ₁₀	0.04	0.02
EPN 15-21	Tanks (4)	VOC	0.02	0.07
STK	Stockpile Fugitives (4)	PM	-.--	1.52
		PM ₁₀	-.--	0.76
Cold Mix STK	Stockpile Fugitives (4)	VOC(b)	15.12	6.30

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EPN 1-9	Material Handling (4)	PM	0.26	0.11
		PM ₁₀	0.12	0.05

- (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) 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.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
VOC(a) - mainly asphalt vapors
VOC(b) - primarily diesel or kerosene vapors
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

12 Hrs/day 7 Days/week 52 Weeks/year or 4,368 Hrs/year

Standard Hot Mix: 120 Tons/hour 96,000 Tons/year

Emulsified Cold Mix: 90 Tons/hour 7,200 Tons/week 7,200 Tons/year

Dated August 12, 2005