

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 38479

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**
10	Dryer baghouse stack	PM	14.85	10.40
		PM ₁₀	10.35	7.25
		VOC (a)	14.40	9.60
		VOC (b)	67.80	2.83
		VOC (c)	525.00	4.38
		NO _x	24.75	17.33
		SO ₂	4.95	3.47
		CO	58.50	40.95
17	Silo filling (4)	PM	0.26	0.18
		VOC	5.48	3.84
		CO	0.53	0.37
18	Truck loadout (4)	PM	0.23	0.16
		VOC	1.76	1.23
		CO	0.61	0.43
19	Hot oil heater	PM	0.05	0.22
		VOC	<0.01	0.02
		NO _x	0.30	1.31
		SO ₂	0.11	0.47
		CO	0.02	0.08
20-24	Tanks (5)	VOC	0.03	0.12
STK	Stockpiles (4)	PM		2.61
		PM ₁₀		1.31
		VOC	2.10	0.88
1-9, 11-15	Material handling (4)	PM	1.72	1.19
		PM ₁₀	0.61	0.42
16	Lime silo baghouse	PM ₁₀	0.05	0.01

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stack

- (1) Emission point identification - either specific equipment designation or emission point number (EPN) from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 - PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 - PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 - VOC (a) - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - VOC (b) - volatile organic compounds from recycled rubber modified asphalt mixes
 - VOC (c) - primarily diesel or kerosene vapors from emulsion cold mix
 - 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.
- (5) Includes the following tanks:

EPNS 20A and 20B - liquid asphalt

EPNs 21A and 21B - diesel

EPN 22 - fuel oil

EPN 23 - emulsion

EPN 24 - antistrip

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

10 Hrs/day 6 Days/week 50 Weeks/year or 3,000 Hrs/year

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

	<u>ton/hour</u>	<u>ton/year</u>
Standard hot mix asphalt	450	600,000
Recycled rubber modified asphalt mix	300	25,000
Cold mix asphalt with emulsion	300	5,000

Dated January 20, 2009