

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 46974

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	Generator Engine	NO _x	20.24	4.05
		CO	2.86	0.57
		VOC	0.15	0.03
		PM	0.14	0.03
2	Material Handling (4)(5)	PM	7.07	1.77
		PM ₁₀	0.04	0.01
3	Screening Operations (4)	PM	1.68	0.42
		PM ₁₀	0.17	0.04
4	Dryer and Drum Baghouse	NO _x	22.00	5.50
		CO	52.00	13.00
		VOC	12.80	3.20
		SO ₂	4.40	1.10
		PM	13.20	3.30
		PM ₁₀	14.94	3.45
5	Lime Storage Vessel	PM	18.03	0.61
		PM ₁₀	18.03	0.61
6	Storage Vessel for Hot Oil Tank 1	VOC	1.54	0.27
7	Storage Vessel for Hot Oil Tank 2	VOC	1.54	0.27
8	Storage Vessel for Hot Mix Silo	VOC	1.64	1.47
9	Asphalt Tank 1	NO _x	0.36	1.59
		CO	0.08	0.33
		SO ₂	0.71	3.12
		PM	0.50	0.22
		PM ₁₀	0.50	0.22

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
10	Asphalt Tank 2	NO _x	0.36	1.59
		CO	0.08	0.33
		SO ₂	0.71	3.12
		PM	0.50	0.22
		PM ₁₀	0.50	0.22
11	Stockpiles (4)	PM	-	1.61
		PM ₁₀	-	0.80

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources use area name or fugitive source name.

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

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.

NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

(4) Fugitive emissions are an estimate only.

(5) Includes drop points from Bins, Conveyors 1, 2, and 3.

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

10 Hrs/day 5 Days/week 10 Weeks/year or 500 Hrs/year

Throughput: 400 Tons/hour 200,000 Tons/year

Total Facility: 200,000 Tons/year

Dated April 10, 2002