

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6873C

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	Scrubber Stack	VOC (a)	10.24	4.46
		VOC (b)	72.32	18.65
		VOC (c1)	200.0	2.0
		VOC (c2)	175.0	1.75
		NO _x	17.6	7.67
		CO	41.6	18.14
		SO ₂	18.56	8.09
		PM	14.4	6.28
2	Material Handling (4)	PM	0.55	0.34
		PM ₁₀	0.33	0.21
3	Stockpiles (4)	PM	---	2.28
		PM ₁₀	---	1.08
		VOC (c1)	2.4	2.0
		VOC (c2)	2.1	0.88
4	Silo Filling (4)	VOC	3.90	2.71
		PM	0.19	0.08
		CO	0.38	0.16
5	Truck Loadout (4)	VOC	1.33	0.58
		PM	0.17	0.07
		CO	0.43	0.19
6	Lime Silo Baghouse	PM ₁₀	0.05	0.01

7	Hot Oil Heater	NO _x	0.30	0.66
		CO	0.08	0.16
		SO ₂	0.66	1.48
		PM	0.11	0.23
		VOC	0.01	0.01
8	AC Tank	VOC	<0.01	0.02
9	AES 300 Tank (4)	VOC	<0.01	0.01
10	Fuel Oil Tank	VOC	<0.01	0.01
11	Diesel Tank	VOC	<0.01	0.01
12	Diesel Tank	VOC	<0.01	0.01
13	Antistrip Tank	VOC	<0.01	<0.01

- (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 (a) - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1 (mainly asphalt vapors)
- VOC (b) - volatile organic compounds from recycled rubber modified asphalt concrete mixes
- VOC (c1) - volatile organic compounds from the production of cold mix asphalt with slow cure
- VOC (c2) - volatile organic compounds from the production of cold mix asphalt with emulsion
- NO_x - total oxides of nitrogen
- 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.

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(4) Fugitive emissions are an estimate only.

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

Up to 12 Hrs/day 7 Days/week 52 Weeks/year or 2,000 Hrs/year

	ton/hr	ton/yr
Standard Hot Mix Asphalt Concrete	320	275,000
Recycled Rubber Modified Asphalt Concrete	320	165,000
(Annual production of 165,000 tons is included in the total hot mix production of 275,000 tons)		
Cold mix asphalt with slow cure	100	2,000
Cold mix asphalt with emulsion	100	2,000

Dated May 23, 2003