

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9578

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 d

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erived 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
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# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

1	Drum/Dryer Baghouse Stack	VOC (a)	10.75	6.45
		VOC (b)	350.0	20.3
		VOC (c)	21.38	2.56
		NO <sub>x</sub>	9.0	5.4
		CO	9.5	5.7
		SO <sub>2</sub>	13.84	8.3
		PM <sub>10</sub>	8.31	4.99
2	Material Handling (4)	PM	3.03	1.82
		PM <sub>10</sub>	1.4	0.84
3	Stockpiles (4)	PM		0.19
		PM <sub>10</sub>		0.09
		VOC (b)	1.89	20.3
4	Lime Silo Baghouse Stack	PM <sub>10</sub>	0.03	<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 - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
  - VOC (a) - primarily asphalt vapors
  - VOC (b) - primarily diesel or kerosene vapors
  - VOC (c) - additional VOC due to the use of recycled rubber
- NO<sub>x</sub> - total oxides of nitrogen
- CO - carbon monoxide
- SO<sub>2</sub> - sulfur dioxide
- PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.
- PM<sub>10</sub> - 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:

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Hrs/day\_  
14  
Days/week\_  
6  
Weeks/year\_  
50

Standard  
Hot Mix:  
250  
Tons/hour  
300,000  
Tons/year

Hot Mix with  
Crumb  
Rubber  
Option: 250  
Tons/hour  
30,000  
Tons/year

Total Hot  
Mix  
Production:  
300,000  
Tons/year  
from any  
combination  
of standard  
or recycled  
rubber  
option hot  
mix but not  
exceeding  
above limits.

Cutback Cold Mix: 80 Tons/hour (23,200 - EM)/2 Tons/year  
Emulsified Cold Mix: 125 Tons/hour (23,200 - 2[CB]) Tons/year

#### EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

The annual (rolling 12-month period) production rates of cutback and emulsified cold mix must satisfy the following equation at all times:

$$2(\text{CB}) + \text{EM} \leq 23,200 \text{ Tons cold mix asphalt concrete per year}$$

(Equation 1)

Where:

CB = cutback cold mix yearly production in tons/year.

EM = emulsified cold mix yearly production in tons/year.