

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9611B

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
8	Venturi Scrubber Stack	PM <sub>10</sub>	6.48	3.34
		VOC(a)	26.85	13.85
		VOC(b)	350.00	17.5
		NO <sub>x</sub>	8.21	4.22
		SO <sub>2</sub>	20.50	27.72
		CO	8.66	4.46
1	Lime Silo Baghouse	PM <sub>10</sub>	0.05	0.06
F-1	Material Handling (4)	TSP	8.25	4.25
		PM <sub>10</sub>	0.24	0.12
F-2	Stockpile (4)	TSP	-	0.19
		PM <sub>10</sub>	-	0.09
		VOC(b)	4.2	0.02

- (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) TSP - total suspended particulate matter (including PM<sub>10</sub>)  
 PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
 VOC - volatile organic compounds as defined in General Rule 101.1  
 VOC(a) - mainly asphalt vapors  
 VOC(b) - primarily diesel or kerosene vapors  
 NO<sub>x</sub> - total oxides of nitrogen

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SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide

(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:

12 Hrs/day 6 Days/week 40 Weeks/year or 2,880  
Hrs/year

<u>Production of Mix Types</u> <u>Tons/Year</u>	<u>Tons/Hour</u>	<u>Tons/Week</u>
Standard Hot Mix	228	- 234,700
Cutback Cold Mix: below	200	1,000 See
Emulsified Cold Mix 200	2,000	See below

Total Cold Mix Production:

<b>Total Cold Production (tpy) Production (tpy) = EM</b>	<b>Total Cutback</b>	<b>Total Emulsion Production (tpy) = MC</b>
20,000 tpy	=	2 (MC) tpy + (EM) tpy

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Dated \_\_\_\_\_