

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. T-17001

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	Baghouse - Stack (5)	PM	11.8	8.2
		PM ₁₀	11.8	8.2
		VOC (a)	9.8	5.6
		VOC (b)	79.1	11.3
		VOC (c)	400.0	9.5
		NO _x	12.6	7.2
		CO	13.3	7.6
		SO ₂	<0.1	<0.01
2	Material Handling (4)	PM	11.1	6.8
		PM ₁₀	1.3	0.5
3	Aggregate Stockpiles (4)	PM	-	2.6
		PM ₁₀	-	1.2
4	Cold Mix Stockpiles (4 and 5) 1.0		VOC	0.72

(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) PM - particulate matter, suspended in the atmosphere, including PM₁₀
 PM₁₀ - particulate matter (PM) 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.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- VOC - volatile organic compounds as defined in General Rule 101.1
 (a) standard mix
 (b) crumb rubber
 (c) cold mix
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
(4) Fugitive emissions are an estimate only.
(5) Total annual VOC emissions from all sources are limited to 25 tons per year (TPY). Also the sum of VOC(a) and VOC(b) annual emissions shall not exceed 14.4 TPY. The annual VOC(a) and VOC(b) values reflected are based on the maximum allowable annual production for standard hot mix (SHM) and crumb rubber mix (CRM); however, when both SHM and CRM are produced in some combination, the maximum allowable production for each is limited per the explanation at **.

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

12 Hrs/day 7 Days/week up to 4,200 Hrs/year

<u>Mix Type</u>	<u>Tons/hour</u>	<u>Tons/year</u>
Standard Hot Mix:	350	400,000
**		
Crumb Rubber Mixes:	350	100,000
**		
Cold Mix using Slow Cure Cutback	200	6,000
Cold Mix using emulsion:	200	4,000

Cold mix production shall not exceed 1,000 tons per week.

Maximum quantity of cold mix stored on-site: 1,000 tons

** When both SHM and CRM are produced, the above maximum annual production values of each shall be limited as follows:

A. If CRM annual production is 100 K tons, then annual SHM production

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

shall not exceed 220 K tons.

B. When annual SHM production >220 K tons, CRM annual production shall limited per the following equation:

CRM (K tons) < 0.0044 X (28,000 - 28 x SHM (K tons))

Dated_____