

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 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	Drum/Dryer Baghouse Stack 6.45	VOC (a)		10.75
		VOC (b)	350.0	20.3
		VOC (c)	21.38	2.56
		NO _x	9.0	5.4
		CO	9.5	5.7
		SO ₂	13.84	8.3
		PM ₁₀	8.31	4.99
2	Material Handling (4)	PM	3.03	1.82
		PM ₁₀	1.4	0.84
3	Stockpiles (4)	PM		0.19
		PM ₁₀		0.09
		VOC (b)	1.89	20.3
4	Road Fugitives (4)	PM		2.27
		PM ₁₀		1.08
5	Lime Silo Baghouse Stack	PM ₁₀	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 General Rule 101.1

VOC(a) -primarily asphalt vapors

VOC(b) -primarily diesel or kerosene vapors

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

VOC(c) -additional VOC due to the use
of recycled rubber
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:

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

$$2(\text{CB}) + \text{EM} \leq 23,200 \text{ Tons cold mix asphalt concrete per year} \\ (\text{Equation 1})$$

Where:

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

Dated _____