

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 34528

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>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
1	Baghouse Stack	TSP	11.9	6.79
		PM ₁₀	11.9	6.79
		VOC (a)	20.7	11.80
		VOC (b)	39.6	5.65
		VOC (c)	218.8	13.13
		NO _x	12.6	7.20
		SO ₂	28.1	29.45
		CO	13.3	7.60
2	Lime Silo Baghouse Stack 0.01	TSP		0.1
		PM ₁₀	0.1	0.01
3	Material Handling (4)	TSP	14.6	8.32
		PM ₁₀	0.5	0.30
4	Stockpiles (4)	TSP	-	3.44
		PM ₁₀	-	1.66
5	Cold Mix Stockpiles (4) 2.63	VOC		0.8

(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 PM₁₀**)

PM₁₀ - particulate matter less than 10 microns

VOC - volatile organic compounds as defined in General Rule 101.1

VOC(a) - mainly asphalt vapors
VOC(b) - additional VOC due to the use of crumb rubber
VOC - primarily diesel or kerosene vapors
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

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Page 2

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

16 Hours/day 7 Days/week 50 Weeks/year or 5,600 Hours/year

Standard Hot Mix: 350 Tons/hour, 400,000 Tons/year

Hot Mix w/Crumb Rubber Option: 350 Tons/hour, 100,000 Tons/year

Total Hot Mix Production: 350 Tons/hour, 500,000 Tons/year

(Combination of the above but not to exceed the above limits)

Cold Mix w/Emulsion 250 Tons/hour, 2,000 Tons/week, 30,000 Tons/year

Dated_____