

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 37093

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>
1	Baghouse Stack	VOC (a)	29.5	16.40
		VOC (c)	437.5	68.63
		VOC (b)	67.8	5.65
		NO _x	18.0	10.91
		CO	19.0	11.51
		SO ₂	36.21	26.03
		PM ₁₀	14.27	8.65
2	Material Handling (4)	PM	8.90	6.31
		PM ₁₀	2.08	1.86
3	Stockpiles (4)	PM		10.09
		PM ₁₀		4.85
		VOC (c)	4.2	26.2
4	Oil Heater No. 1 (4)	VOC	0.003	0.014
		NO _x	0.113	0.497
		CO	0.028	0.124
		SO ₂	0.003	0.014
		PM	0.011	0.05
5	Oil Heater No. 2 (4)	VOC	0.003	0.014
		NO _x	0.113	0.497
		CO	0.028	0.124
		SO ₂	0.003	0.014
		PM	0.011	0.05

- (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.

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
(3)	VOC -	volatile organic compounds as		
	defined in General Rule 101.1			
	VOC (a) -	mainly asphalt vapors		
	VOC (b) -	VOC from recycled rubber		
	modified mixes			
	VOC (c) -	primarily diesel or kerosene		
	vapors			
	NO _x - total oxides of nitrogen			
	CO - carbon monoxide			
	SO ₂ - sulfur dioxide			
	PM ₁₀ - 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.			
	PM - particulate matter, suspended in the atmosphere, including PM ₁₀ .			

(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:

14 Hrs/day 7 Days/week 52 Weeks/year or 5,096 Hrs/year

	tons/hour	tons/week	tons/year
Standard hot mix asphalt concrete 400,000		500	
Recycled rubber modified asphalt concrete 50,000	300		
Cold mix asphalt with rapid cure 5,000	200		
Cold mix asphalt with medium cure 48,000	250	5,000	
Cold mix asphalt with slow/specialty cure	250	1,000	5,000
Cold mix asphalt with emulsion	250	5,000	48,000
Cold mix with AC1.5	250		50,000