

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9638E

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	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
1	Baghouse Stack	PM ₁₀	14.3	7.86
		VOC(a)	59.0	32.45
		VOC(b)	90.4	62.15
		VOC(c)	437.5	13.13
		NO _x	18.0	9.90
		SO ₂	46.0	71.77
		CO	19.0	10.45
2	Material Handling (4)	PM	22.4	12.31
		PM ₁₀	1.1	0.78
3	Stockpile Fugitives (4)	PM	-	0.48
		PM ₁₀	-	0.23
		VOC(c) (5)	12.6	9.84

(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 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.

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

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VOC(c) - primarily diesel or kerosene
vapors

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

(5) There are no VOC stockpile fugitive emissions at the Hopkins Road location nor the County Road 117 at US 281 Bypass location, as there are no cold mix stockpiles authorized.

* 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 52 Weeks/year
3,120 Hrs/year

Standard Hot Mix: 500 Tons/hour 550,000 Tons/year

Hot Mix w/Recycled Rubber option: 400 Tons/hour 50,000
Tons/year

Emulsified Cold Mix: 250 Tons/hour
6,000 Tons/week 15,000 Tons/year

Dated_____