

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9630

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	Stack	PM	8.59	11.50
		PM ₁₀	8.59	11.50
		VOC(a)	9.10	11.62
		VOC(b)	393.75	8.75
		VOC(c)	73.45	4.52
		NO _x	11.70	15.66
		SO ₂	0.66	0.89
		CO	12.35	16.53
2	Material Handling (4)	PM	3.11	4.17
		PM ₁₀	0.51	0.69
3	Stockpiles (4)	PM	-	1.67
		PM ₁₀	-	0.81
		VOC(b)	8.36	8.71
4	Hot Oil Heater	PM	0.01	0.03
		VOC	0.01	0.04
		NO _x	0.11	0.31
		SO ₂	0.33	0.91
		CO	0.03	0.08
5	AC Tanks	VOC	<0.01	<0.01
6	Shop Diesel Tank	VOC	<0.01	<0.01
7	Railyard Material Handling (4) 3.29	PM		1.88
		PM ₁₀	0.79	1.39

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8	Railyard Stockpiles (4)	PM	-	3.65
		PM ₁₀	-	1.75

(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 (VOC) as defined in Title 30 Texas Administrative Code § 101.1

VOC(a) - VOC consisting mainly of asphalt vapor

VOC(b) - VOC consisting mainly of diesel or kerosene vapor

VOC(c) - additional VOC resulting from the use of crumb rubber

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

(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 12 Days/week 6 up to Hrs/year 2,080

Standard Hot-Mix Asphalt Concrete: Tons/hour 325 Tons/year 820,000

Cold-Mix Asphalt Concrete (produced with emulsions): Tons/hour 225
Tons/day Tons/year 10,000

Standard Hot-Mix with Crumb Rubber: Tons/hour 325 Tons/year 40,000

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Dated August 21, 2002