

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 956

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)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
5	Baghouse Stack	PM ₁₀	16.33	14.28
		VOC (a)	29.50	25.81
		VOC (b)	875.00	35.00
		NO _x	18.00	16.50
		SO ₂	9.32	8.53
		CO	19.00	17.34
F10	Material Handling (4)(5)	PM	4.79	4.19
		PM ₁₀	0.79	0.69
F9	Stockpiles (4)	PM	-	1.67
		PM ₁₀	-	0.81
		VOC (b)	8.36	34.83
F7	Asphalt Storage Tank (4)	VOC		1.43
F8	Fuel Oil Tank (4)	VOC		0.55
F11	Hot Oil Heater	NO _x	0.11	0.31

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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>
		CO 0.03	0.08	
		SO ₂ 0.33	0.91	
		SO ₃ <0.01	0.01	
		PM 0.01	0.03	
		TOC 0.01	0.04	

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, area name or fugitive source name is used.
- (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 30 Texas Administrative Code Section 101.1
VOC (a) - from standard asphalt concrete mixes
VOC (b) - from cold mix concrete mixes with emulsion
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
SO₃ - sulfur trioxide
TOC - total organic compounds
- (4) Fugitive emissions are an estimate only.
- (5) Includes emissions from RAP handling system.

- * Emission rates are based on, and the facilities are limited to, the following maximum asphalt concrete production rates and operating schedule:

Hot Mix: 500 tons per hour (tph) and 875,000 tons per year (tpy).

Cold Mix with emulsion 500 tph and 400,000 tpy

16 hours/day 6 days/week 52 weeks/year 4,992 hours/year

Dated September 12, 2000