

Emission Sources - Maximum Allowable Emission Rates

Permit Number 18441

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, sources, and related activities. 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)	Emission Rates (5) *	
			lbs/hour	TPY
1	Baghouse Stack	PM ₁₀	14.76	9.02
		VOC (a)	14.40	8.80
		VOC (b)	218.75	32.81
		VOC (c)	50.85	2.83
		NO _x	24.75	15.13
		SO ₂	26.10	15.95
		CO	58.50	35.75
5	Asphalt Heater Vent (4)	PM ₁₀	0.042	0.12
		VOC	< 0.01	< 0.01
		NO _x	0.12	0.35
		SO ₂	0.36	1.05
		CO	0.03	0.09
2	Lime or Fly Ash Storage Silo (4)	PM ₁₀	0.05	0.01
6	Storage Silo Filling (4)	PM ₁₀	0.26	0.16
		VOC	5.48	3.35
		CO	0.53	0.32
7	Truck Load-Out	PM ₁₀	0.23	0.14
		VOC	1.87	1.14
		CO	0.61	0.37
3	Stockpiles (4)	PM	--	0.37
		PM ₁₀	--	0.18
		VOC	0.10	3.28
4	Material Handling (4)	PM	2.06	1.26
		PM ₁₀	0.98	0.60

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

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VOC(a)	- mainly asphalt vapors from standard mix
VOC(b)	- primarily diesel or kerosene vapors from cold mix
VOC(c)	- VOCs from rubber modified mix
NO _x	- total oxides of nitrogen
SO ₂	- sulfur dioxide
PM	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
PM ₁₀	- total particulate matter equal to or less than 10 microns in diameter, including PM _{2.5} , as represented
PM _{2.5}	- particulate matter equal to or less than 2.5 microns in diameter
CO	- carbon monoxide

(4) Fugitive emissions are an estimate only.

(5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

* 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 50 Weeks/year or Hrs/year

Standard Hot Mix:	<u>450</u> Tons/hour	<u>425,000</u> Tons/year	
Standard Hot Mix with Rubber:	<u>450</u> Tons/hour		<u>50,000</u> Tons/year
Cold Mix with Emulsion:	<u>250</u> Tons/hour		<u>75,000</u> Tons/year

Date: November 2, 2018