

Emission Sources - Maximum Allowable Emission Rates

Permit Number 23567

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	16.50	9.08
		VOC (a)	16.00	8.00
		VOC (b)	113.00	5.65
		VOC (c)	262.50	8.63
		NO _x	27.50	13.75
		SO ₂	65.00	32.50
		CO	29.00	15.95
2	Material Handling (4)	PM	0.35	0.30
		PM ₁₀	0.15	0.13
3	Stockpiles (4)	PM	--	0.30
		PM ₁₀	--	0.15
4	Lime Silo Baghouse	PM ₁₀	0.03	< 0.01
5	Hot Mix Silo Filling (4)	PM	0.33	0.19
		VOC	7.99	4.45
		CO	0.77	0.43
6	Truck Loadout (4)	PM	0.31	0.17
		VOC	2.73	1.52
		CO	0.88	0.49

- (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) CO - carbon monoxide
 NO_x - total oxides of nitrogen
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 SO₂ - sulfur dioxide

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

VOC(a) - VOCs from standard hot mix asphalt

VOC(b) - VOCs from rubber modified hot mix asphalt

VOC(c) - VOCs from cold mix asphalt concrete

(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:

24 Hrs/day 7 Days/week 52 Weeks/Year up to 8,760 Hrs/year

	<u>Tons/Hour</u>	<u>Tons/Year</u>
Standard Hot Mix:	500	500,000
Rubber Modified Hot Mix	500	50,000
Medium Cure Cold Mix:	150	2,000
Slow/Specialty Cure Cold Mix:	170	5,000
Cold Mix Asphalt with Emulsion:	190	10,000

Date: January 29, 2013