

Emission Sources - Maximum Allowable Emission Rates

Permit Number 29304

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	6.90	2.30
		VOC (a)	9.60	3.20
		VOC (b)	350.00	35.00
		VOC (c)	67.80	3.39
		NO _x	7.80	2.60
		SO ₂	1.02	0.34
		CO	39.00	13.00
4	Hot Oil Heater (4)	PM ₁₀	0.02	0.02
		VOC	0.07	0.07
		NO _x	1.20	1.20
		SO ₂	0.01	0.01
		CO	1.01	1.01
5	Lime Storage Silo	PM ₁₀	0.04	0.04
6	Truck Loadout (4)	PM ₁₀	0.16	0.05
		VOC	1.17	0.39
		CO	0.40	0.13
2	Storage Silo Filling (4)	PM ₁₀	0.15	0.05
		VOC	2.51	0.84
		CO	0.24	0.08
3	Stockpiles (4)	PM	--	2.18
		PM ₁₀	--	1.09
		VOC (b)	0.32	0.53
F1	Material Handling (4)	PM	0.81	0.13
		PM ₁₀	0.39	0.06

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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, use area name or fugitive source name.
- (3) PM - total particulate matter, suspended in the atmosphere, including PM₁₀, as represented
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter as represented.
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 VOC (a)- asphalt vapors from standard mix and fuel combustion vapors
 VOC (b)- diesel or kerosene vapors from cold mix, asphalt vapors, and fuel combustion vapors
 VOC (c) - vapors from a rubber modified asphalt mix and fuel combustion vapors
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 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:

	<u>Tons/Hour</u>	<u>Tons/Year</u>
Standard hot mix	300	200,000
Recycled rubber modified mixes	300	30,000
		(included in hot mix limits)
Cold mix asphalt with 5% AC-3 + 1% MC-30	300	**
Cold mix asphalt with emulsion	200	**
Cold mix asphalt with slow cure	175	**
Cold mix asphalt with rapid cure	140	**
Cold mix asphalt with medium cure	100	**

** Total cold mix production as governed by Special Condition No. 21

10 Hrs/day 5 Days/week 40 Weeks/year or 2,000 Hrs/year

Date: July 10, 2014