

Emission Sources - Maximum Allowable Emission Rates

Permit Number 52357L001

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 (6)	
			lbs/hour	TPY (4)
1	Baghouse Stack	VOC (a)	12.8	7.20
		VOC (b)	79.1	2.83
		VOC (c)	350.0	7.00
		NO _x	22.0	13.28
		CO	52.0	31.4
		SO ₂	23.2	14.01
		PM	13.2	7.97
		PM ₁₀	9.2	5.55
2	Material Handling (5)	PM	0.47	0.25
		PM ₁₀	0.26	0.14
3	Stockpiles (5)	PM	-.--	1.90
		PM ₁₀	-.--	0.90
		VOC (c)	2.1	3.50
4	Silo Filling (5)	VOC	5.31	3.20
		PM	0.24	0.15
		CO	0.51	0.32
5	Truck Loadout (5)	VOC	1.50	0.91
		PM	0.20	0.13
		CO	0.52	0.32
6	Lime Silo Baghouse	PM ₁₀	0.05	0.01

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7	Hot Oil Heater	NO _x	0.35	0.77
		CO	0.09	0.19
		SO ₂	0.75	1.60
		PM	0.04	0.08
		VOC	<0.01	<0.01
8	AC Tank No. 1	VOC	<0.01	0.02
9	AC Tank No. 2	VOC	<0.01	0.02
10	AC Tank No. 3 (AES)	VOC	<0.01	0.01
11	Fuel Oil Tank	VOC	<0.01	0.02
12	Diesel Tank No. 1	VOC	<0.01	0.01
13	Diesel Tank No. 2	VOC	<0.01	0.01
14	Antistrip Tank	VOC	<0.01	0.01

(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 (a) - volatile organic compounds as defined in Title 30 Texas Administrative Code §101.1 (mainly asphalt vapors)

VOC (b) - volatile organic compounds from recycled rubber modified asphalt concrete mixes

VOC (c) - volatile organic compounds from production of mixes with emulsified asphalt binder

NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

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.

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

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

Date: March 24, 2014