

Emission Sources - Maximum Allowable Emission Rates

Permit Number 70736L001

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	18.15	8.75
		PM ₁₀	12.65	6.10
		VOC(a)	17.60	4.80
		VOC(c)	124.30	22.60
		NO _x	30.25	14.58
		SO ₂	31.90	15.37
		CO	71.50	34.45
2	Asphalt Heater Vent (4)	PM ₁₀	0.07	0.16
		VOC	<0.01	0.01
		NO _x	0.20	0.45
		SO ₂	0.61	1.34
		CO	0.05	0.11
3	Lime Storage Silo (4)	PM ₁₀	0.03	0.02
4	Asphalt Storage Tank No. 1 (4)	VOC	<0.01	0.02
5	Asphalt Storage Tank No. 2 (4)	VOC	<0.01	0.02
6	Fuel Oil Storage Tank (4)	VOC	<0.01	0.02
7	Diesel Storage Tank No. 1 (4)	VOC	<0.01	0.01
8	Diesel Storage Tank No. 2 (4)	VOC	<0.01	<0.01
9	Antistrip Storage	VOC	<0.01	0.21

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	Tank (4)			
10	Storage Silo Filling (4)	PM	0.19	0.09
		VOC	0.50	0.23
		CO	0.05	0.02
11	Truck Loadout	PM	0.11	0.05
		VOC	0.17	0.08
		CO	0.06	0.03
12	Aggregate Stockpiles (4)	PM	-.--	5.78
		PM ₁₀	-.--	2.75
13	Material Handling (4)	PM	0.96	0.46
		PM ₁₀	0.51	0.25
14	Generator Set	PM	1.29	1.86
		VOC	0.70	1.01
		NO _x	38.27	55.11
		SO ₂	8.02	11.55
		CO	9.00	12.96

(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 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

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

VOC(a) -mainly asphalt vapors from standard mix

VOC(c) -primarily diesel or kerosene vapors from cold mix

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:

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24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Standard Hot Mix: 550 Tons/hour 300,000 Tons/year

Rubber Modified Hot Mix: 550 Tons/hour 200,000 Tons/year

Date: June 25, 2014