

Emission Sources - Maximum Allowable Emission Rates

Permit Number 20007

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	Bag Filter Stack	PM	14.85	9.90
		PM ₁₀	10.35	6.90
		VOC	14.40	8.00
		VOC (a)	74.58	11.30
		NO _x	24.75	16.50
		SO ₂	26.10	17.40
		CO	58.50	39.00
2	Silo Filling	PM	0.26	0.17
		VOC	5.39	3.59
		CO	0.52	0.35
3	Truck Loadout	PM	0.23	0.16
		VOC	1.73	1.15
		CO	0.60	0.40
4	Stockpile Fugitives (4)	PM	--	0.42
		PM ₁₀	--	0.29
5	Material Handling (4)	PM	0.91	0.61
		PM ₁₀	0.41	0.29
6	Hot Oil Heater	PM ₁₀	0.02	0.08
		VOC	0.001	0.01
		NO _x	0.11	0.49
		SO ₂	0.24	1.05
		CO	0.01	0.03

(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.

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- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
VOC(a) - vapors from rubber-modified hot mix asphalt
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
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
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:

18 Hrs/day 7 Days/week 52 Weeks/year or 3,000 Hrs/year

Standard Hot Mix: Tons/hour 450, Tons/year 500,000

Standard Hot Mix with Rubber: Tons/hour 330, Tons/year 100,000

Total: Tons/year 600,000

Date: May 10, 2013