

Emission Sources - Maximum Allowable Emission Rates

Permit Number 76338L002

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
15	Dryer Baghouse Stack	PM	13.20 (5)	10.40
		PM ₁₀	9.20	7.25
		VOC (a)	12.80	9.60
		VOC (b)	90.40	3.39
		NO _x	22.00	17.33
		SO ₂	23.20	18.27
		CO	52.00	49.95
19	Hot Oil Heater Stack	PM ₁₀	0.03	0.15
		VOC	< 0.01	0.01
		NO _x	0.20	0.89
		SO ₂	0.43	1.90
		CO	0.01	0.05
16	Lime Storage Silo Baghouse	PM ₁₀	0.05	0.02
17	Storage Silo Filling (4)	PM ₁₀	0.16	0.13
		VOC	1.36	1.07
		CO	0.13	0.10
18	Truck Loadout (4)	PM ₁₀	0.11	0.09
		VOC	0.44	0.34
		CO	0.15	0.12
20-24	Four Storage Tanks	VOC	0.03	0.11
FUG1	Aggregate Stockpiles (4)	PM	--	3.61
		PM ₁₀	--	1.72
FUG2	Material Handling (4)	PM	1.46	1.18
		PM ₁₀	0.68	0.57

(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) - asphalt vapors from standard mix and fuel combustion vapors
VOC(b) - vapors from a rubber modified asphalt mix and fuel combustion vapors
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) Total PM consists of condensable (back-half) PM and filterable (front-half) PM₁₀. As determined by EPA Test Method 5, filterable PM is limited to 5.51 lb/hr calculated from 0.01 gr/dscf at 64,287 dscfm.
(6) 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 or 8,760 Hrs/year

Standard Hot Mix: Tons/hour 400 Tons/year 600,000

Standard Hot Mix with Rubber: Tons/hour 400 Tons/year 30,000

Date: May 15, 2013