

Emission Sources - Maximum Allowable Emission Rates

Permit Number 24074

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 (7) *	
			lbs/hour	TPY
N1	Dryer Baghouse Stack	PM ₁₀ (4)	13.63	13.63
		VOC (a)	11.20	8.00
		VOC (b)	50.85	2.83
		VOC (c)	262.50	13.13
		NO _x	19.25	13.75
		CO	45.50	32.50
		SO ₂	20.30	14.50
		HCl	0.07	0.05
N2	Material Handling (5) (6)	PM	0.11	0.08
		PM ₁₀	0.05	0.04
N3	Aggregate Stockpiles (5) (6)	PM	--	0.24
		PM ₁₀	--	0.11
N4	Cold Mix Stockpiles (5)	VOC (c)	5.25	1.31
N5	Hot Oil Heater Stack	PM ₁₀	0.02	0.07
		VOC (a)	0.01	0.05
		NO _x	0.20	0.88
		CO	0.17	0.74
		SO ₂	< 0.01	0.01
N6	Asphalt Storage Tanks (4)	VOC	0.48	0.09
N7	Fuel Oil Tank (5)	VOC	< 0.01	< 0.01
N8	Lime Silo	PM	0.12	0.12
		PM ₁₀	0.12	0.12
N9	Silo Filling (5)	PM ₁₀	0.18	0.11
		CO	0.31	0.22

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		VOC (a)	3.20	2.28
N10	Truck Loading (5)	PM ₁₀	0.11	0.07
		CO	0.19	0.13
		VOC (a)	0.58	0.42
N11	Diesel Tank (5)	VOC (c)	0.32	< 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) CO - carbon monoxide
HCl - hydrogen chloride
NO_x - total oxides of nitrogen
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
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - (a) Standard Mix
 - (b) Crumb Rubber
 - (c) Cold Mix - Emulsion
- (4) Total PM₁₀ consists of condensable (back-half) PM₁₀ and filterable (front-half) PM₁₀. As determined by EPA Test Method 5, filterable PM₁₀ is limited to 3.41 lb/hr.
- (5) Fugitive emissions are an estimate only.
- (6) Pre-washed material, high moisture content.
- (7) 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:

16 Hrs/day 6 Days/week 50 Weeks/year

Standard Hot Mix: 350 tons/hour

Crumb Rubber: 225 tons/hour 25,000 tons/year

Cold Mix: 150 tons/hour 15,000 tons/year

PLANT TOTAL 350 tons per hour 5,000 tons per day 500,000 tons/year

Date: January 29, 2013