

Emission Sources - Maximum Allowable Emission Rates

Permit Number 26712

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
10	Dryer Baghouse Stack (5)	PM	16.50	14.85
		PM ₁₀	11.50	10.35
		VOC (a)	16.00	12.80
		VOC (b)	90.40	5.65
		VOC (c)	787.50	43.75
		NO _x	27.50	24.75
		SO ₂	29.00	26.10
		CO	65.00	58.50
		HCl	0.11	0.09
11	Lime Silo Baghouse	PM ₁₀	0.05	< 0.01
RMSPF	Raw Material Stockpile (4) Fugitives	PM	--	2.17
		PM ₁₀	--	1.03
CMSPF	Cold Mix Stockpile	VOC (c)	21.00	5.47
1-6	Material Handling (4)	PM	< 0.03	0.02
		PM ₁₀	0.01	0.01
9	Aggregate Screen (4)	PM	0.84	0.75
		PM ₁₀	0.40	0.36
18	RAP Feed Bin (4)	PM	< 0.01	0.01
		PM ₁₀	< 0.01	< 0.01
19 and 20	RAP Conveyors (4)	PM	< 0.01	0.04
		PM ₁₀	< 0.01	< 0.02
21	RAP Screen (4)	PM	0.20	0.32
		PM ₁₀	< 0.10	0.15
22	RAP Crusher (4)	PM ₁₀	< 0.30	0.11

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14	Hot Oil Heater Stack (5)	PM ₁₀	0.02	0.05
		NO _x	0.29	0.64
		SO ₂	0.04	0.10
		CO	0.25	0.54
		VOC	0.02	0.04
12A	AC Tank No. 1 (5)	VOC	< 0.01	0.02
		PM	< 0.01	< 0.01
		CO	< 0.01	< 0.01
12B	AC Tank No. 2 (5)	VOC	< 0.01	0.02
		PM	< 0.01	< 0.01
		CO	< 0.01	< 0.01
12C	AC Tank No. 3 (5)	VOC	< 0.01	0.02
		PM	< 0.01	< 0.01
		CO	< 0.01	< 0.01
12D	AC Tank No. 4 (5)	VOC	< 0.01	0.02
		PM	< 0.01	< 0.01
		CO	< 0.01	< 0.01
13A	Fuel Tank 1	VOC	< 0.01	0.02
		PM	< 0.01	< 0.01
		CO	< 0.01	< 0.01
13B	Fuel Tank 2	VOC	< 0.01	0.01
		PM	< 0.01	< 0.01
		CO	< 0.01	< 0.05
17	Antistrip	VOC	< 0.01	0.01
15	Silo Filling (5)	PM	0.29	0.26
		Organic PM	0.17	0.15
		VOC	6.10	5.48
		CO	0.59	0.53
16	Truck Loadout (4 and 5) Fugitives	PM	0.26	0.23
		Organic PM	0.17	0.15
		VOC	1.95	1.76
		CO	0.67	0.61

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18	Yard Emissions (4 and 5)	Organic PM	0.05	0.04
		VOC	0.51	0.47
		CO	0.18	0.16

- (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
VOC (a) - mainly asphalt vapors
VOC (b) - additional VOC due to the use of crumb rubber
VOC (c) - primarily diesel or kerosene vapors
- (4) Fugitive emissions are an estimate only.
- (5) Speciated compounds to include hazardous air pollutants and their respective emission rates are represented in the permit application. The speciated compounds are included in the PM and/or VOC values shown on the maximum allowable emission rates table.
- (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 production rates:

Standard Hot Mix: Tons/hour 500 Tons/year 800,000

Hot Mix with Crumb Rubber option: Tons/hour 400 Tons/year 50,000

Emulsified Cold Mix: Tons/hour 450 Tons/week 10,000 Tons/year 50,000

Date: January 29, 2013