

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2345

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. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
EP1	Baghouse Stack	PM ₁₀	2.30	1.38
		VOC(a)	8.80	5.28
		VOC(b)	43.75	10.94
		NO _x	26.13	16.86
		SO ₂	5.50	3.55
		CO	41.25	26.63
EP2	Asphalt Heater Vent	PM ₁₀	0.01	0.02
		VOC	0.01	0.01
		NO _x	0.16	0.25
		SO ₂	<0.01	<0.01
		CO	0.14	0.21
EP3	Aggregate Stockpile (4)	PM	---	1.03
		PM ₁₀	---	0.50
EP4	Cold Mix Stockpile (4)	VOC	1.58	4.38
EP 10, 12, and 13	Material Handling (4)	PM	0.08	0.05
		PM ₁₀	0.04	0.02
EP6	Asphalt Storage Tank	VOC	<0.001	<0.001
EP7	Asphalt Storage Tank	VOC	<0.001	<0.001
EP8	Storage Silo Filling	PM ₁₀	0.16	0.10
		VOC	3.35	2.13
		CO	0.33	0.21
EP9	Truck Loadout	PM ₁₀	0.10	0.09
		VOC	0.57	0.37
		CO	0.20	0.13
EP 11	Aggregate Screen (4)	PM	0.02	0.07

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PM₁₀ 0.01 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) PM - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - particulate matter less than or equal to 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

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

VOC(a) - mainly asphalt vapors

VOC(b) - primarily emulsion vapors

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule and production rates:

10 Hrs/day 6 Days/week 52 Weeks/year or Hrs/year

Standard Hot Mix: 275 tons/hr 330,000 tons/yr

Cold Mix - Emulsion: 50 tons/hr 25,000 tons/yr

Dated