

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 75159L001

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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
8	Baghouse Stack	PM	13.20	8.66
		PM ₁₀	9.20	6.04
		VOC(a)	12.80	6.40
		VOC(b)	481.25	21.88
		VOC(c)	90.40	11.30
		NO _x	22.00	14.44
		SO ₂	23.20	15.23
		CO	52.00	34.13
11	Asphalt Heater Vent	PM	0.05	0.11
		VOC	<0.01	<0.01
		NO _x	0.30	0.66
		SO ₂	0.64	1.40
		CO	0.02	0.04
9	Storage Silo Filling (4)	PM	0.32	0.21
		VOC	9.13	5.99
		CO	0.88	0.58
10	Truck Loadout (4)	PM	0.33	0.22
		VOC	2.93	1.92
		CO	1.01	0.66
18	1,695-HP Caterpillar Engine (5)	PM ₁₀	0.83	0.83
		VOC	1.16	1.16
		NO _x	36.62	36.62
		SO ₂	4.11	4.11
		CO	5.49	5.49

EMISSIONS FROM SOURCE SUMMARY AND ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
7	Aggregate Screen (4)	PM	0.67	0.44
		PM ₁₀	0.32	0.21
MHFUG	Material Handling (4, 6)	PM	0.02	0.01
		PM ₁₀	0.01	0.01
12	25,000-Gal. AC Storage Tank (4)	VOC	<0.01	0.01
13	25,000-Gal. AC Storage Tank (4)	VOC	<0.01	0.01
14	15,000-Gal. Diesel Storage Tank (4)	VOC	<0.01	0.01
15	5,000-Gal. Diesel Storage Tank (4)	VOC	<0.01	<0.01
16	12,000-Gal. Fuel Storage Tank (4)	VOC	<0.01	0.01
17	5,000-Gal. Antistrip Storage Tank (4)	VOC	0.02	0.10
SPFUG	Aggregate Stockpiles (4)	PM	-	2.89
		PM ₁₀	-	1.38
SPFUG	Cold Mix Stockpiles (4)	VOC (b)	1.05	21.88

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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 equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
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) - diesel or kerosene vapors from cold mix, asphalt vapors, and fuel combustion vapors
VOC(c) - vapors from a rubber modified asphalt mix and fuel combustion vapors
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.
- (5) Engine/generator set hours of operation limited to 2,000 hours per year on a rolling 12-month annual basis.
- (6) Includes EPNs 1 - 6

* 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 <u>400</u>	Tons/year <u>400,000</u>
Standard Hot Mix with Rubber:	Tons/hour <u>400</u>	Tons/year <u>100,000</u>
Cold Mix with Emulsion:	Tons/hour <u>275</u>	Tons/year <u>25,000</u>

Dated October 14, 2005