

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 21256A

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 (5) *	
			lbs/hour	TPY
STK1	Drum/Dryer Baghouse Stack	VOC (a)	10.40	2.40
		VOC (b)	434.00	50.00
		VOC (c)	73.45	16.95
		NO <sub>x</sub>	17.88	4.13
		SO <sub>2</sub>	42.25	9.75
		CO	18.85	4.35
		PM <sub>10</sub>	9.85	2.27
DP	Material Handling (4)	PM	0.54	0.20
		PM <sub>10</sub>	0.45	0.14
SP1	Stockpiles (4)	PM	--	0.24
		PM <sub>10</sub>	--	0.11
SP2	Cold Mix Stockpile (4)	VOC (b)	2.10	5.00
S1/S2	Storage Silo Filling (4)	PM <sub>10</sub>	0.19	0.04
		VOC	3.96	0.91
		CO	0.38	0.09
LO1	Truck Load-Out (4)	PM <sub>10</sub>	0.17	0.04
		VOC	1.35	0.31
		CO	0.44	0.10
HTR1	Hot Oil Heater (4)	PM <sub>10</sub>	0.01	0.01
		VOC	0.01	0.01
		NO <sub>x</sub>	0.10	0.15
		SO <sub>2</sub>	< 0.01	< 0.01
		CO	0.08	0.13
DS1	Diesel Tank No. 1 (4)	VOC	0.01	< 0.01

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DS2	Diesel Tank No. 2 (4)	VOC	0.26	0.01
AC1	Asphalt Tank No. 1 (4)	VOC	< 0.01	< 0.01
AC2	Asphalt Tank No. 2 (4)	VOC	< 0.01	< 0.01
FO1	Recovered Oil Tank (4)	VOC	< 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) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - (a) from standard hot mix asphalt concrete
  - (b) primarily diesel or kerosene vapors
  - (c) from rubber modified asphalt mix
- (4) Fugitive emissions are an estimate only.
- (5) 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 limits:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Type	Ton/hour	Ton/week	Ton/year
Standard hot mix asphalt	325		150,000
Cold mix asphalt with emulsion	248	1,000	28,570
Cold mix asphalt with medium cure	124	3,000	14,285
Rubber modified asphalt mix	325		150,000

Date: January 29, 2013