

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 38214

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**
14	Dryer Baghouse Stack	VOC	16.00	16.00
		VOC (rubber)	67.80	1.13
		VOC (cold)	437.50	8.75
		NO <sub>x</sub>	44.50	44.50
		CO	65.00	65.00
		SO <sub>2</sub>	29.00	29.00
		PM <sub>10</sub> front	3.95	3.95
		PM <sub>10</sub> total	15.81	15.81
FUG-1	Material Handling (4)	PM	1.19	1.11
		PM <sub>10</sub>	0.66	0.57
STK-1	Stockpiles (4)	PM		2.60
		PM <sub>10</sub>		1.30
16	Truck Loadout (4)	PM <sub>10</sub>	0.41	0.41
		VOC	3.66	3.66
		CO	1.26	1.26
15	Silo Filling (4)	PM <sub>10</sub>	0.40	0.40
		VOC	11.41	11.41
		CO	1.11	1.11
T-5 and T-6	Fuel Tanks (4)	VOC	0.03	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
T-1, T-2,T-3,T-4	AC Tanks (4)	VOC	0.05	0.07
H-1	Hot Oil Heater	VOC	0.01	0.03
		NO <sub>x</sub>	0.43	1.89
		CO	0.11	0.47
		SO <sub>2</sub>	0.15	0.67
		PM <sub>10</sub>	0.07	0.31
REC-1, REC-2	Material Receiving (4)	PM	0.06	0.08
		PM <sub>10</sub>	0.03	0.04
STK-2	Cold Mix Storage (4)	VOC (cold)	0.42	1.75
LS-1	Lime Silo Baghouse Stack	PM <sub>10</sub>	0.05	0.02
C-1	Cellulose Handling (4)	PM	<0.01	0.01
		PM <sub>10</sub>	<0.01	0.01
T-7	Antistrip Tank	VOC	<0.01	<0.01

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

VOC (rubber) - VOC emissions from rubber modified asphalt mixes

VOC (cold) - VOC emissions from cold mix asphalt

NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

SO<sub>2</sub> - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter

PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter

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PM<sub>10</sub> front - front-half PM<sub>10</sub> only (filterable)  
PM<sub>10</sub> total - total of front- and back-half (total of filterable and condensable)

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* 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

<u>Mix type</u>	<u>tons/hour</u>	<u>tons/week</u>	<u>tons/year</u>
Performance Grade	500		
Standard hot mix	500		
Warm mix	500		
Cold mix with slow cure	250	1,000	10,000
Rubber modified mix	300		10,000
Total of all mix types			1,000,000

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated February 6, 2009