

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 5245

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**
S-1	Flash Dryer	NO <sub>x</sub>	7.20	31.5
		CO 36.00	157.7	
		VOC 3.20	14.0	
		PM 2.00	8.8	
		SO <sub>2</sub> 9.20	40.3	
S-2	Flash Dryer	NO <sub>x</sub>	7.20	31.5
		CO 36.00	157.7	
		VOC 3.20	14.0	
		PM 2.00	8.8	
		SO <sub>2</sub> 9.20	40.3	
S-3	Flash Dryer	NO <sub>x</sub>	5.40	23.7
		CO 36.00	157.7	
		VOC 3.20	14.0	
		PM 2.00	8.8	
		SO <sub>2</sub> 9.20	40.3	
S-4	Flash Dryer	NO <sub>x</sub>	7.20	31.5
		CO 36.00	157.7	
		VOC 3.20	14.0	
		PM 2.00	8.8	
		SO <sub>2</sub> 9.20	40.3	
S-5	Flash Dryer	NO <sub>x</sub>	7.20	31.5
		CO 36.00	157.7	
		VOC 3.20	14.0	
		PM 2.00	8.8	
		SO <sub>2</sub> 9.20	40.3	

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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
S-6	Flash Dryer	NO <sub>x</sub>	7.20	31.5
		CO	36.00	157.7
		VOC	3.20	14.0
		PM	2.00	8.8
		SO <sub>2</sub>	9.20	40.3
S-7	Flash Dryer	NO <sub>x</sub>	7.20	31.5
		CO	36.00	157.7
		VOC	3.20	14.0
		PM	2.00	8.8
		SO <sub>2</sub>	9.20	40.3
DC-1	Flash Dryer Baghouse	PM	0.25	0.11
DC-2	Flash Dryer Baghouse	PM	0.25	0.11
DC-3	Flash Dryer Baghouse	PM	0.25	0.11
DC-4	Flash Dryer Baghouse	PM	0.25	0.11
DC-5	Flash Dryer Baghouse	PM	0.25	0.11
DC-6	Flash Dryer Baghouse	PM	0.25	0.11
DC-7	Flash Dryer Baghouse	PM	0.25	0.11
DC-8	Bin Vent Baghouse	PM	0.26	1.14
DC-9	Bin Vent Baghouse	PM	0.26	1.14
DC-10	Bin Vent Baghouse	PM	0.26	1.14
DC-11	Bin Vent Baghouse	PM	0.26	1.14
DC-12	Bin Vent Baghouse	PM	0.26	1.14
DC-13	Bin Vent Baghouse	PM	0.26	1.14
DC-14	Bin Vent Baghouse	PM	0.26	1.14

DC-15	Bin Vent Baghouse	PM	0.26	1.14
DC-16	Bin Vent Baghouse	PM	0.26	1.14
DC-17	Bin Vent Baghouse	PM	0.26	1.14
DC-18	Bin Vent Baghouse	PM	0.26	1.14
DC-19	Bin Vent Baghouse	PM	0.26	1.14
DC-20	Rail/Truck Loading Baghouse	PM	0.41	1.82
DC-21	Rail/Truck Loading Baghouse	PM	0.41	1.82
DC-22	Barge Loading Baghouse	PM	0.50	2.2
DC-23	Barge Loading Baghouse	PM	0.42	1.82
T-1	Hou-Actinite Loading	PM	<0.01	<0.01
T-2	Hou-Actinite Loading	PM	<0.01	<0.01
T-3	Hou-Actinite Loading	PM	<0.01	<0.01
T-4	Hou-Actinite Loading	PM	<0.01	<0.01
T-5	Hou-Actinite Loading	PM	<0.01	<0.01
T-6	Hou-Actinite Loading	PM	<0.01	<0.01
T-7	Hou-Actinite Loading	PM	<0.01	<0.01

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

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(2) Specific point source names.

- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed,  
it shall be assumed that no particulate matter  
greater than 10 microns is emitted.  
CO - carbon monoxide

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

-- Hrs/day \_\_ Days/week \_\_ Weeks/year or 8,760 Hrs/year

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

Dated August 20, 2007