

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 7508

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
1	Dryer Baghouse Stack	PM	11.55	11.55
		PM <sub>10</sub>	8.05	8.05
		NO <sub>x</sub>	9.10	9.10
		CO	45.50	45.50
		VOC (a)	11.20	11.20
		SO <sub>2</sub>	1.19	1.19
		VOC (b)	472.50	17.50
2	Drop Point Fugitives (4)	PM	11.84	11.84
		PM <sub>10</sub>	0.36	0.36
3	Receiving Emissions (4)	PM	0.04	0.04
		PM <sub>10</sub>	0.02	0.02
4	Loadout (4)	PM	0.11	0.11
		CO	0.20	0.20
		VOC	0.59	0.59
5	Silo Filling (4)	PM	0.19	0.19
		CO	0.47	0.47
		VOC	1.37	1.37
6	Stockpiles (4)	PM	--	3.70
		PM <sub>10</sub>	--	1.85
7	Hot Oil Heater (4)	PM <sub>10</sub>	< 0.01	< 0.01
		NO <sub>x</sub>	< 0.01	< 0.01
		CO	< 0.01	< 0.01
		VOC	< 0.01	< 0.01

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- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
VOC(a) - VOC that are mainly asphalt vapors  
VOC(b) - VOC that are primarily diesel or kerosene vapors  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
CO - carbon monoxide
- (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:

8 Hrs/day 5 Days/week 50 Weeks/year or 2,000 Hrs/year

350 tons per hour of asphalt

700,000 tons per year of asphalt

135 tons per hour of cutback asphalt (5.5 percent AC-3/0.5 percent ML-30).

10,000 tons per year of cutback asphalt (5.5 percent AC-3/0.5 percent ML-30).

Date: September 12, 2013