

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 23539

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 (8)	
			lbs/hour	TPY (4)
12	Dryer Baghouse Stack	PM	11.55	6.85
		PM <sub>10</sub>	8.05	4.77
		PM <sub>2.5</sub>	5.56	3.30
		VOC (a)	11.20	6.64
		VOC (b)	262.50	13.13
		NO <sub>x</sub>	19.25	11.41
		SO <sub>2</sub>	20.30	12.04
		CO	45.50	26.98
		Pb	<0.01	<0.01
		HCl	0.08	0.05
16	Asphalt Heater Vent (5)	PM	0.05	0.12
		PM <sub>10</sub>	0.05	0.12
		PM <sub>2.5</sub>	0.05	0.12
		VOC	<0.01	0.01
		NO <sub>x</sub>	0.28	0.75
		SO <sub>2</sub>	0.10	0.27
		CO	0.07	0.19
17A and 17B	Asphalt Storage Tanks (5)	VOC	<0.01	0.04
18A	Fuel Oil Storage Tank (5)	VOC	<0.01	0.02
18B and 18C	Diesel Storage Tanks (5)	VOC	<0.01	0.01
19	Antistrip Tank (5)	VOC	<0.01	<0.01
13	Storage Silo Filling (5)	PM	0.21	0.12
		PM <sub>10</sub>	0.21	0.12
		PM <sub>2.5</sub>	0.21	0.12
		VOC	4.27	2.53

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		CO	0.41	0.24
14	Truck Loadout (5) (6)	PM	0.34	0.11
		PM <sub>10</sub>	0.34	0.11
		PM <sub>2.5</sub>	0.34	0.11
		VOC	2.54	0.81
		CO	0.88	0.28
11	Recycled Asphalt Products (RAP) / Recycled Asphalt Shingles (RAS) Crusher/Screen (5)	PM	0.38	0.22
		PM <sub>10</sub>	0.17	0.10
		PM <sub>2.5</sub>	0.03	0.02
MHFUG	Material Handling (5) (7)	PM	0.65	0.34
		PM <sub>10</sub>	0.28	0.15
		PM <sub>2.5</sub>	0.03	0.02
SPFUG	Aggregate Stockpiles (5)	PM	-.-	0.17
		PM <sub>10</sub>	-.-	0.08
		PM <sub>2.5</sub>	-.-	0.02
SPFUG2	Cold Mix Stockpiles (5)	VOC	10.50	1.31
LS-1	Lime Silo Baghouse Stack	PM	0.05	0.02
		PM <sub>10</sub>	0.05	0.02
		PM <sub>2.5</sub>	0.05	0.02
C-1	Cellulose Handling (5)	PM	0.03	0.02
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	<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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - VOC (a)- mainly asphalt vapors from standard mix
  - VOC (b)- primarily diesel or kerosene vapors from cold mix
  - 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
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - CO - carbon monoxide
  - Pb - lead

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HCl - hydrochloric acid

- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Includes three simultaneous truck loadout locations.
- (7) Includes EPNs 1 through 10
- (8) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: August 8, 2014