

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 49737

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 (6)(7)	
			lbs/hour	TPY (4)
10	Drum Dryer Baghouse Stack	PM	13.20	7.26
		PM <sub>10</sub>	9.20	5.06
		VOC(a)	12.80	6.40
		VOC(b)	175.00	4.38
		VOC(c)	73.45	3.39
		NO <sub>x</sub>	22.00	12.10
		SO <sub>2</sub>	23.20	12.76
		CO	52.00	28.60
6	Lime Silo Baghouse Stack	PM <sub>10</sub>	0.05	0.03
11	Asphalt Storage Tank	VOC	0.01	0.01
12	Hot Oil Heater Vent (5)	PM <sub>10</sub>	0.08	0.19
		VOC	<0.01	0.01
		NO <sub>x</sub>	0.20	0.45
		SO <sub>2</sub>	0.46	1.01
		CO	0.05	0.11
13	Fuel Oil Storage Tank (5)	VOC	<0.01	<0.01
14	Diesel Storage Tank (5)	VOC	0.01	0.01
17	Storage Silo Filling (5)	PM <sub>10</sub>	0.17	0.09
		VOC	1.14	0.62
		CO	0.39	0.22
18	Truck Load-Out (5)	PM <sub>10</sub>	0.14	0.09
		VOC	0.88	0.55
		CO	0.30	0.19

Emission Sources - Maximum Allowable Emission Rates

FUG	Aggregate Stockpiles (5)	PM	--	1.10
		PM <sub>10</sub>	--	0.52
FUG	Cold Mix Stockpiles (5)	VOC	2.10	4.38
FUG	Material Handling (5)	PM	1.92	0.96
		PM <sub>10</sub>	0.91	0.46
23	RAP Crusher (5)	PM	0.14	0.08
		PM <sub>10</sub>	0.07	0.04
24	RAP Screen (5)	PM	0.21	0.12
		PM <sub>10</sub>	0.10	0.06
FUG	RAP Handling (5)	PM	0.02	0.01
		PM <sub>10</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) - for standard hot mix asphalt
  - VOC(b) - emulsified cold mix asphalt
  - VOC(c) - additional VOC due to the use of rubber modified hot mix asphalt
  - 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
- (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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (7) 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

Standard Hot Mix: 400 tons/hour; 400,000 tons/year

Emulsified Cold Mix: 200 tons/hour; 10,000 tons/year

Rubber Modified Mix: 400 tons/hour; 30,000 tons/year

Date: August 7, 2018