

Emission Sources - Maximum Allowable Emission Rates

Permit Number 42292

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 (7) **	
			lbs/hour	TPY *
Asphalt Plant				
24	Dryer Fabric Filter Stack	PM	13.20	16.50
		PM ₁₀	9.20	11.50
		NO _x	10.40	13.00
		CO	52.00	65.00
		SO ₂	1.36	1.70
		VOC (a)	12.80	9.55
		VOC (b)	525.00	3.25
		VOC (c)	90.40	45.20
21	Silo Filling (4)	PM	0.23	0.29
		CO	0.47	0.59
		VOC	4.87	6.09
22	Truck Loadout (4)	PM	0.21	0.26
		CO	0.54	0.67
		VOC	1.56	1.95
25	Hot Oil Heater	PM ₁₀	0.01	0.03
		NO _x	0.19	0.41
		CO	0.02	0.04
		SO ₂	0.03	< 0.06
		VOC	0.01	0.02
26-29	Tanks	VOC	0.03	0.15
FUG1	Stockpiles (5)	PM	--	2.69
		PM ₁₀	--	1.34
		VOC (b)	1.05	1.63

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23	Lime Silo Fabric Filter	PM ₁₀	0.05	0.01
1-20	Material Handling (4)	PM	1.43	1.79
		PM ₁₀	0.49	0.61
Soil Stabilization Plant				
39	Cement Silo Fabric Filter	PM ₁₀	0.04	0.01
30-38	Material Handling (4)	PM	0.69	0.12
		PM ₁₀	0.30	0.04
FUG2	Stockpiles (4) (6)	PM	--	0.23
		PM ₁₀	--	0.11

- (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) CO - carbon monoxide
NO_x - total oxides of nitrogen
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - (a) - for standard mix asphalt concrete
 - (b) - for cold mix asphalt concrete
 - (c) - additional VOC due to crumb in hot mix asphalt concrete
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Based on 2.5 acres of active stockpiles.
- (6) Based on 0.19 acres of active stockpiles.
- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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

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

14 Hrs/day 6 Days/week 52 Weeks/year or 4,368 Hrs/year

Asphalt Plant Maximum Allowable Production

Standard Hot Mix Asphalt Concrete: 400 tons per hour (tph) and 600,000 tons per year (tpy).

Modified Crumb Rubber: 400 tph and 400,000 tpy.

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Cold Mix 300 tph, 500 tons per week, and 3,715 tpy.

Soil Stabilization Plant Allowable Throughput

Maximum Hourly Throughput: 200 tons

Maximum Yearly Throughput: 70,000 tons

Date: January 31, 2013