

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9621Q

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
1	Exhaust Stack Baghouse	PM	13.20	4.95
		PM ₁₀	9.20	3.45
		VOC (a)	12.80	4.40
		VOC (b)	72.80	6.90
		NO _x	22.00	8.25
		SO ₂	23.20	8.70
		CO	52.00	19.50
2	Material Handling (4)	PM	1.20	0.44
		PM ₁₀	0.60	0.22
3	Lime Silo	PM ₁₀	0.05	<0.01
4	Asphalt Mix Silo (5)	PM ₁₀	0.23	0.09
		VOC	4.87	1.83
		CO	0.47	0.18
5	Asphalt Truck Load Point (5)	PM ₁₀	0.21	0.08
		VOC	1.56	0.59
		CO	0.54	0.20
6	Asphalt Tank No. 1	VOC	<0.10	0.43
7	Asphalt Tank No. 2	VOC	<0.10	0.43
8	Fuel Oil Tank	VOC	<0.01	0.01
9	RAP Crusher/Screen (4)	PM	1.42	0.40
		PM ₁₀	0.30	<0.10

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
10	Baghouse Fan Engine	PM ₁₀	0.10	0.17
		NO _x	4.53	7.48
		CO	0.56	0.93
		SO ₂	0.08	0.13
		VOC	0.05	0.09
11	Plant Generator	PM ₁₀	0.40	0.66
		NO _x	19.61	32.36
		CO	4.32	7.13
		SO ₂	1.98	3.27
		VOC	0.59	0.97
12	RAP Generator	PM ₁₀	0.95	0.24
		NO _x	13.33	3.33
		CO	2.87	0.72
		SO ₂	0.88	0.22
		VOC	1.08	0.27
13	Asphalt Tank Heater No. 1	PM ₁₀	0.22	0.11
		NO _x	0.43	0.21
		CO	0.11	0.05
		SO ₂	2.03	1.01
		VOC	<0.01	<0.01
14	Asphalt Tank Heater No. 2	PM ₁₀	0.30	0.14
		NO _x	0.57	0.29
		CO	0.14	<0.10
		SO ₂	2.68	1.34
		VOC	<0.01	<0.01
3	Stockpiles (4)	PM	-	0.60
		PM ₁₀	-	0.30

(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.

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- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter less than or equal to 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
VOC (a) - volatile organic compounds for standard mix as defined in Title 30 Texas Administrative Code § 101.1
VOC (b) - additional VOC due to the use of crumb rubber
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
(4) Fugitive emissions are an estimate.
(5) May be VOC (a) or VOC (b) depending on the type mix being produced.

* Emission rates are based on, and the facilities are limited to, maximum asphalt concrete production rates of 400 tons per hour (tph) and 300,000 tons per year (tpy) of asphalt concrete mixed. The manufacture of crumb rubber modified mixes is limited to 400 tph and 100,000 tpy.

Hrs/day 11 Days/week 6 Weeks/year 50 or Hrs/year 3,300

Dated March 24, 2005