

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9436

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
2	Talc Baghouse	PM	0.15	0.66
		PM ₁₀	0.15	0.66
4	Oil Heater No. 3	PM	0.03	0.13
		PM ₁₀	0.03	0.13
		VOC	0.02	0.11
		NO _x	0.60	2.60
		SO ₂ 0.01	0.01	
		CO	0.34	1.49
6	Line Torches	NO _x	0.07	0.32
		CO	0.02	0.08
7	Oil Heater No. 2	PM	0.03	0.13
		PM ₁₀	0.03	0.13
		VOC	0.02	0.11
		NO _x	0.60	2.60
		SO ₂ 0.01	0.01	
		CO	0.34	1.49
12	Vat No. 1 (4)	VOC	0.50	2.20
13	Vat No. 2 (4)	VOC	0.50	2.20
14	Asphalt Storage Tank No. 1 (4)	VOC	0.37	1.60
15	Asphalt Storage	VOC	0.37	1.60

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
	Tank No. 2 (4)			
20	APP Storage Tank No. 2 (4)	VOC	0.37	1.60
22	APP Storage Tank No. 3 (4)	VOC	0.37	1.60
32	Afterburner	PM	0.88	3.85
		PM ₁₀	0.88	3.85
		VOC	5.00	22.00
		NO _x	3.00	13.00
		SO ₂	0.05	0.22
		CO	0.70	3.10
33	Oil Heater No. 4	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		VOC	0.03	0.13
		NO _x	0.26	1.14
		SO ₂	0.01	0.04
		CO	0.44	1.93
F1	System Fugitives (4)	VOC	0.05	0.19
TANK1	Storage Tank 1 (5)	VOC	13.74	0.69
TANK2	Storage Tank 2 (5)	VOC	0.37	0.01
TANK3	Storage Tank 3 (5)	VOC	0.44	0.02
TANK4	Storage Tank 4 (5)	VOC	1.19	0.03

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
TANK5	Storage Tank 5 (5)	VOC	1.19	0.02
TANK7	Storage Tank 7 (5)	VOC	20.29	0.01
MIXER1	Mixing Tank 1 (5)	VOC	0.27	0.01
MIXER 2	Mixing Tank 2 (5)	VOC	0.23	0.01
MIXER 3	Mixing Tank 3 (5)	VOC	0.27	0.02
MIXER 4	Mixing Tank 4 (5)	VOC	0.23	0.01
MIXER 5	Mixing Tank 5 (5)	VOC	0.58	0.01
MIXER 6	Mixing Tank 6 (5)	VOC	0.01	0.01

- (1) Emission point identification - 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) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Chapter 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate.
- (5) Tanks originally authorized by Exemption Registration No. 37445.

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

8,760 Hrs/year

A maximum throughput as indicated on Table 2 in the confidential file.

Dated November 5, 2001