

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 32931/PSD-TX-861

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
H-4	Latex Asphalt Preheater	VOC	0.03	0.1
		NO _x	1.98	5.2
		SO ₂	0.12	0.1
		PM ₁₀	0.08	0.2
		CO	0.17	0.5
H-29	Asphalt Circulation Heater 0.1	VOC		0.03
		NO _x	1.98	8.7
		SO ₂	0.12	0.1
		PM ₁₀	0.08	0.3
		CO	0.17	0.8
H-30	Tank Heater (5501, 5502, 5503)	VOC	0.03	0.2
		NO _x	2.65	11.6
		SO ₂	0.15	0.2
		PM ₁₀	0.10	0.4
		CO	0.23	1.0
H-31B	Tank Heater (27, 28)	VOC	0.01	<0.1
		NO _x	0.63	1.7
		SO ₂	0.04	<0.1
		PM ₁₀	0.02	0.1
		CO	0.06	0.1
H-32	Tank Heater (20M5, 20M6, 20M7)	VOC	0.03	0.1
		NO _x	1.08	4.7
		SO ₂	0.14	0.2
		PM ₁₀	0.09	0.4
		CO	0.21	0.9

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3) lb/hr</u>		<u>TPY</u>
H-33	Tank Heater (34, 121, 141, 551, 552) 2.8	VOC NO _x	0.04 0.09	0.1 1.08
		SO ₂ PM ₁₀ CO	0.14 0.09 0.21	0.1 0.2 0.5
H-35	Tank Heater (300M2)	VOC NO _x SO ₂ PM ₁₀ CO	0.04 1.44 0.18 0.12 0.27	0.2 6.3 0.2 0.5 1.2
H-47	Latex Asphalt Loadout Heater <0.1	VOC NO _x SO ₂ PM ₁₀ CO	0.06 0.81 0.28 0.18 0.41	0.06 2.1 0.2 0.5 1.1
H-51	Tank Heater (300M3)	VOC NO _x SO ₂ PM ₁₀ CO	0.04 0.48 0.18 0.12 0.27	0.2 2.1 0.2 0.5 1.2
S-69	Storage Tank 34	VOC	0.04	<0.1
S-70	Storage Tank 121	VOC	0.03	<0.1
S-71	Storage Tank 141	VOC	0.03	<0.1

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S-72	Storage Tank 551	VOC	0.03	<0.1
S-73	Storage Tank 552	VOC	0.04	<0.1
S-74	Storage Tank 5501	VOC	0.16	0.1
S-75	Storage Tank 5502	VOC	0.16	0.1
S-137	Storage Tank 20M5	VOC	0.09	<0.1
S-138	Storage Tank 20M6	VOC	0.09	<0.1
S-177	Storage Tank 300M2	VOC	0.15	0.2
S-192	Storage Tank 20M7	VOC	0.09	<0.1
S-194	Storage Tank 300M3	VOC	0.13	0.2
F-62	Fugitives (4)	VOC	2.50	10.9
V-22	Asphalt Flash Tower Vent 9.7	VOC		2.21
L-2, L-12	Asphalt Truck/ Rail Loading Racks	VOC	72.3	9.0

(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 General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

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PM₁₀ - particulate matter less than 10 microns

CO - carbon monoxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/year 8,760

Dated_____