

Emission Sources - Maximum Allowable Emission Rates

Permit Number 126230

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	
			lbs/hour	TPY (4)
12	Dryer Baghouse Stack	PM	13.36	10.24
		PM ₁₀	9.32	7.14
		PM _{2.5}	8.92	6.84
		VOC	12.80	9.60
		VOC (a)	1225.00	22.84
		NO _x	22.00	16.86
		SO ₂	23.20	17.78
		CO	52.00	39.85
14 - 15	Asphalt Silo Filling and Loadout (5)	PM	0.41	0.33
		PM ₁₀	0.41	0.33
		PM _{2.5}	0.41	0.33
		VOC	7.35	5.74
		CO	0.95	0.76
16	Hot Oil Heater Vent	PM	0.04	0.09
		PM ₁₀	0.03	0.07
		PM _{2.5}	0.02	0.06

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		VOC	0.02	0.06
		NO _x	0.31	0.78
		SO ₂	0.02	0.06
		CO	0.18	0.45
17-23	Tanks (5) (7)	VOC	0.05	0.22
STK	Stockpiles (5)	PM	--.--	2.17
		PM ₁₀	--.--	1.08
		PM _{2.5}	--.--	0.16
		VOC(a)	1.68	11.42
1-11	Material Handling and Processing (5)	PM	0.57	0.40
		PM ₁₀	0.22	0.15
		PM _{2.5}	0.04	0.03
13	Silo Baghouse Vent	PM	0.05	0.02
		PM ₁₀	0.05	0.02
		PM _{2.5}	0.05	0.02

(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) - volatile organic compound vapors from cold mix

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

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

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

CO - carbon monoxide

(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.

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- (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 emission are included. Maintenance activities are not authorized by this permit.
- (7) Includes emissions from the following storage tanks: 2000 gal Anti-strip, 4000 gal Anti-strip, 5000 gal diesel, 16,000 gal fuel oil, 20,000 gal AC tank, 30,000 gal AC tank, 35,000 gal AC tank.

Date: September 30, 2020