

Emission Sources - Maximum Allowable Emission Rates
Permit Number 80483

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)
D-1	Baghouse Stack	PM	10.30	9.51
		PM ₁₀	10.30	9.51
		PM _{2.5}	7.11	6.57
		VOC (a)	10.40	8.88
		VOC (b)	393.75	4.38
		VOC (c)	73.45	4.52
		NO _x	17.88	16.50
		SO ₂	18.85	17.40
		CO	42.25	39.00
		HCl	0.07	0.06
		Pb	<0.01	<0.01
FUG-1	Material Handling (5)	PM	0.65	0.63
		PM ₁₀	0.29	0.28
		PM _{2.5}	0.05	0.04
SP-1	Stockpiles (5)	PM	0.07	0.30
		PM ₁₀	0.03	0.15
		PM _{2.5}	0.01	0.02
		VOC (b)	4.20	2.19

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H-1	AC Heater	PM	0.05	0.21
		PM ₁₀	0.05	0.21
		PM _{2.5}	0.05	0.21
		VOC	<0.01	0.02
		NO _x	0.28	1.24
		SO ₂	0.10	0.44
		CO	0.07	0.31
PL-1	Plant Load-out (5)	PM	0.17	0.16
		PM ₁₀	0.17	0.16
		PM _{2.5}	0.17	0.16
		VOC	1.27	1.17
		CO	0.44	0.40
SF-1	Silo Filling (5)	PM	0.19	0.18
		PM ₁₀	0.19	0.18
		PM _{2.5}	0.19	0.18
		VOC	3.96	3.66
		CO	0.38	0.35
T-1 and T-5	Fuel Tanks (5)	VOC	0.02	0.01
T-2, T-3, and T-4	AC Tanks (5)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		VOC	0.07	0.09
		CO	<0.01	0.01
T-6	Anti-strip Tank (5)	VOC	0.01	0.01

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REC-1 and REC-2	Material Receiving (5)	PM	0.04	0.04
		PM ₁₀	0.01	0.01
		PM _{2.5}	<0.01	<0.01
LS-1	Lime Silo	PM	0.05	0.02
		PM ₁₀	0.05	0.02
		PM _{2.5}	0.05	0.02
CS-1	Mineral Silo	PM	0.05	0.02
		PM ₁₀	0.05	0.02
		PM _{2.5}	0.05	0.02
C-1	Cellulose Handling (5)	PM	0.02	0.02
		PM ₁₀	0.01	0.01
		PM _{2.5}	<0.01	<0.01

(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) 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

VOC -volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

VOC (a) -VOC consisting mainly of asphalt vapor

VOC (b) -VOC consisting mainly of diesel or kerosene vapor

VOC (c) -additional VOC resulting from the use of crumb rubber

NO_x -total oxides of nitrogen

SO₂ -sulfur dioxide

CO -carbon monoxide

HCl -hydrochloric acid

Pb -lead

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

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

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