

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 7537

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)	<u>Emission Rates</u>	
			lb/hr	TPY
2	East Stockpile (4)	PM	-.--	0.42
		PM ₁₀	-.--	0.21
3	West Stockpile (4)	PM	-.--	0.28
		PM ₁₀	-.--	0.14
12	Dryer 1 Baghouse Stack	PM/PM ₁₀	0.05	0.18
		NO _x	0.10	0.36
		CO	0.08	0.29
		VOC	0.01	0.04
		SO ₂	<0.01	<0.01
22	Dryer 2 Baghouse Stack	PM/PM ₁₀	0.05	0.18
		NO _x	0.10	0.36
		CO	0.08	0.29
		VOC	0.01	0.04
		SO ₂	<0.01	<0.01
31-35	Bulk Storage Tanks (4)	PM	0.02	0.05
		PM ₁₀	0.01	0.02
37	Bagging Baghouse Stack	PM/PM ₁₀	0.06	0.22
BC-REC	Box Car Receiving (4)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
BD-REC	Bottom Dump Receiving (4)	PM	0.01	0.02
		PM ₁₀	<0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
FUG-1	Building Fugitives (4)	PM	0.12	0.25
		PM ₁₀	0.05	0.09
MX-BH	Mixing Baghouse Stack	PM/PM ₁₀	0.05	0.14
		NO _x	0.49	1.78
		CO	0.41	1.49
		SO ₂	<0.01	0.01
		VOC	0.03	0.11
ORE-LO	Raw Ore Loadout (4)	PM	0.02	<0.01
		PM ₁₀	0.01	<0.01
RC-LOAD	Rail Car Loading Baghouse	PM	0.12	0.17
		PM ₁₀	0.12	0.17
TRK-LO	Bulk Truck Loadout (4)	PM	0.03	0.01
		PM ₁₀	0.01	<0.01

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}

PM₁₀ - particulate matter equal to or less than 10 microns in diameter

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

NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

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

(4) Fugitive emissions are an estimate only.

Dated April 27, 2010