

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 78901

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**
S1	Stockpile (4)	PM	--	3.63
		PM ₁₀	--	1.82
S2	Vibrating Screen 1/ Jaw Crusher 1 (4)	PM	0.04	0.08
		PM ₁₀	0.02	0.03
S3	Vibrating Screen 2/ Jaw Crusher 2 (4)	PM	0.04	0.08
		PM ₁₀	0.02	0.03
S4	Conveyor to Bin 1 (4)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
S5	Conveyor to Bin 2 (4)	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
S6	Bins 1 & 2 to Mills (4)	PM	<0.01	0.01
		PM ₁₀	<0.01	<0.01
S7	Raymond Mill 1	PM	0.86	3.75
		PM ₁₀	0.91	3.94
		CO	0.50	2.03
		NO _x	0.60	2.42
		SO ₂	<0.01	0.02
		VOC	0.03	0.13
S8	Raymond Mill 2	PM	0.86	3.75
		PM ₁₀	0.91	3.94
		CO	0.50	2.03
		NO _x	0.60	2.42
		SO ₂	<0.01	0.02
		VOC	0.03	0.13

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S9	Raymond Mill 3	PM	0.86	3.75
		PM ₁₀	0.91	3.94
		CO	0.50	2.03
		NO _x	0.60	2.42
		SO ₂	<0.01	0.02
		VOC	0.03	0.13
S10	Mill Silos Bin Vent 1	PM	<0.01	0.03
		PM ₁₀	<0.01	0.03
S11	Mill Silos Bin Vent 2	PM	<0.01	0.03
		PM ₁₀	<0.01	0.03
S12	Barge Silos K-N & Barge Loading Sys (4)	PM	0.21	0.94
		PM ₁₀	0.21	0.94
S13	Train Silos I & J/ Railcar Loading Sys & Packer Bin	PM	0.51	2.25
		PM ₁₀	0.51	2.25
T-1	Diesel Tank	VOC	<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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

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

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀

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

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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Maximum Plant Throughput:

Jaw Crusher 1 (EPN S2):	<u>100</u>	TPH	<u>367,920</u>	TPY
Jaw Crusher 2 (EPN S3):	<u>100</u>	TPH	<u>367,920</u>	TPY
Vibrating Screen 1 (EPN S2):	<u>100</u>	TPH	<u>367,920</u>	TPY
Vibrating Screen 2 (EPN S3):	<u>100</u>	TPH	<u>367,920</u>	TPY

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated _____