

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2259A

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
1A	Receiving Pit	PM	0.68	1.11
		PM ₁₀	0.10	0.16
1B	East Sand Screens Fugitive	PM	3.44	5.59
		PM ₁₀	1.16	1.89
1C	West Sand Screens Fugitive	PM	3.44	5.59
		PM ₁₀	1.16	1.89
1E	Dry Wagon Loadout	PM	3.10	5.03
		PM ₁₀	1.04	1.70
1	West Split Gravity Cyclone	PM	0.43	0.70
		PM ₁₀	0.15	0.24
2	Screen Air Shaker Cyclone	PM	0.38	0.61
		PM ₁₀	0.10	0.15
3	East Split Gravity Cyclone	PM	0.34	0.56
		PM ₁₀	0.12	0.19
4	East Lead Gravity Cyclone	PM	0.60	0.98
		PM ₁₀	0.20	0.33
5	West Lead Gravity Cyclone	PM	0.60	0.98
		PM ₁₀	0.20	0.33
6	Return Gravity Cyclone	PM	0.60	0.98
		PM ₁₀	0.20	0.33

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
7	East Bank Hull Cyclone	PM/PM ₁₀	3.21	5.21
8	Eye Room Aspirator Cyclone	PM	0.38	0.61
		PM ₁₀	0.10	0.15
9	Oil Stock Aspirator Cyclone	PM	0.15	0.24
		PM ₁₀	0.04	0.06
10	Junk Sheller Fan Cyclone	PM	0.04	0.06
		PM ₁₀	0.01	0.02
11	Hammermill Strick Cyclone	PM	0.07	0.11
		PM ₁₀	0.03	0.05
13	Stemmeal Bin Cyclone	PM	0.07	0.11
		PM ₁₀	0.03	0.05
14	Eye Room Bin Aspirator Cyclone	PM	0.15	0.24
		PM ₁₀	0.04	0.06
16	Oil Stock Recovery Cyclone	PM	0.08	0.12
		PM ₁₀	0.02	0.03
17	West Bank Hull Cyclone	PM/PM ₁₀	3.21	5.21
18	Return Bank Hull Cyclone	PM/PM ₁₀	3.21	5.21
19	24-Belt Sizer Aspirator Cyclone	PM	3.00	4.88
		PM ₁₀	0.76	1.24
20	North Gravity Top Cyclone	PM	0.43	0.70
		PM ₁₀	0.15	0.24

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			lb/hr	TPY
21	Oil Stock Gravity Top Cyclone	PM	0.43	0.70
		PM ₁₀	0.15	0.24
23	LSK Gravity Top Cyclone	PM	0.43	0.70
		PM ₁₀	0.15	0.24
24	Bar-Ready Aspirator Cyclone	PM	0.38	0.61
		PM ₁₀	0.08	0.15
FI-1	Large Baghouse LSK Aspiration, North and South Meat Reclaimers, East and West Primary Cleaner, Three Rocha Stoners, 68 Model LSK Split Gravity, and Hammermill Aspiration	PM/PM ₁₀	9.43	15.32
FI-2	Small Baghouse East and West Sand Screens and North and South Shakers	PM/PM ₁₀	0.94	1.53

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

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

* Refer to Special Condition No. 4 for throughput limitations and basis of emission rates.

Dated August 26, 2005