

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 870

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	Seed Offloading Pit No. 1	PM	3.08	0.62
		PM ₁₀	1.54	0.31
1B	Seed Offloading Pit No. 2	PM	3.08	0.62
		PM ₁₀	1.54	0.31
CYC-1	North Scalper Cyclone	PM	0.33	0.23
		PM ₁₀	0.08	0.23
CYC-2	Middle Scalper Cyclone	PM	0.33	0.23
		PM ₁₀	0.08	0.23
CYC-3	South Scalper Cyclone	PM	0.33	0.23
		PM ₁₀	0.08	0.23
DRY-4	North Dryer	PM	1.74	1.00
		PM ₁₀	0.44	0.26
		NO _x	0.09	0.05
		SO ₂	<0.01	<0.01
		CO	0.03	0.02
		VOC	<0.01	<0.01
DRY-5	Middle Dryer	PM	1.84	1.06
		PM ₁₀	0.54	0.31
		NO _x	1.11	0.64
		SO ₂	<0.01	<0.01
		CO	0.28	0.16
		VOC	<0.01	<0.01

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
DRY-6	South Dryer	PM	1.74	1.00
		PM ₁₀	0.44	0.26
		NO _x	1.11	0.64
		SO ₂	<0.01	<0.01
		CO	0.03	0.02
		VOC	<0.01	<0.01
CYC-7	Scalper Cyclone	PM	0.17	0.12
		PM ₁₀	0.04	0.12
CYC-8	Cleaner Cyclone	PM	0.13	0.09
		PM ₁₀	0.03	0.09
CYC-9	Cleaner Cyclone	PM	0.20	0.14
		PM ₁₀	0.05	0.14
CYC-10	Gravity Table Cyclone	PM	0.37	0.26
		PM ₁₀	0.09	0.26
CYC-11	Aspirator Cyclone	PM	0.37	0.26
		PM ₁₀	0.09	0.26

(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.

VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

* Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

Dated _____