

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 31813

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.

DATA			AIR CONTAMINANTS	
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY</u>
B-01	Plant Boiler No. 1 (a)	PM ₁₀	0.15	0.66
		SO ₂	0.01	0.05
		NO _x	1.63	7.13
		CO	1.23	5.37
		VOC	0.12	0.51
B-02	Plant Boiler No. 2 (a)	PM ₁₀	0.15	0.66
		SO ₂	0.01	0.05
		NO _x	1.63	7.13
		CO	1.23	5.37
		VOC	0.12	0.51
P-01	Pile Cooling Fan No. 1 (b)	PM ₁₀	0.84	1.53
P-02	Pile Cooling Fan No. 2 (b)	PM ₁₀	0.84	1.53
P-03	Pile Cooling Fan No. 3 (b)	PM ₁₀	0.84	1.53
P-04	Pile Cooling Fan No. 4 (b)	PM ₁₀	0.84	1.53
F-01	Receiving Fugitive (b)	PM	5.25	1.50
		PM ₁₀	1.31	0.38
F-02	Pile Loading Fugitive (b)	PM	3.50	1.00
		PM ₁₀	0.88	0.25
F-03	Transfer Fugitive (b)	PM	0.21	0.06
		PM ₁₀	0.05	0.02
P-11	Filter No. 1 (b)	PM ₁₀	1.71	7.51

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			lb/hr	TPY
P-12	Filter No. 2 (b)	PM ₁₀	1.71	7.51
P-13	Filter No. 3 (b)	PM ₁₀	4.07	17.83
P-14	Filter No. 4 (b)	PM ₁₀	2.14	9.39
P-15	Filter No. 5 (b)	PM ₁₀	3.43	15.02
P-16	Filter No. 6 (b)	PM ₁₀	0.86	3.75
P-17	Filter No. 7 (b)	PM ₁₀	0.86	3.75
P-18	Filter No. 8 (b)	PM ₁₀	0.86	3.75
P-21	Meal Drier/Cooler (b)	PM ₁₀	4.11	18.02
		Hexane	14.70	35.28
P-22	Final Condenser Vent (b)	Hexane	34.65	83.16
F-21	Extraction Plant Fugitive (b) 80.64	Hexane		33.60
P-31	Hull Storage Silo (b)	PM ₁₀	0.01	0.04
P-41	Meal Storage Silo (b)	PM ₁₀	0.01	0.04
P-51	Process Tank Vent No. 1 (b)	PM	0.01	0.01
		PM ₁₀	<0.01	<0.01
P-52	Process Tank Vent No. 2 (b)	PM	0.01	0.01
		PM ₁₀	<0.01	<0.01
P-53	Process Tank Vent No. 3 (b)	PM	0.01	0.01
		PM ₁₀	<0.01	<0.01
P-54	Process Tank Vent No. 4 (b)	PM	0.01	0.01

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			lb/hr	TPY
		PM ₁₀	<0.01	<0.01
P-55	Process Tank Vent No. 5 (b)	PM	0.01	0.01
		PM ₁₀	<0.01	<0.01
P-56	Process Tank Vent No. 6 (b)	PM	0.01	0.01
		PM ₁₀	<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 - 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.
- SO₂ - sulfur dioxide
NO_x - nitrogen oxides
CO - carbon monoxide
VOC - volatile organic compounds as defined in General Rule Section 101.1

- (a) 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

- (b) Emission rates are based on a daily throughput of 1,000 tons of raw unprocessed seed, an annual throughput of 200,000 tons of raw unprocessed seed, and the following operating schedule:

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

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

Dated_____