

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
B-01	Plant Boiler No. 1	PM/PM ₁₀	0.39	---
		SO ₂	3.34	---
		NO _x	4.73	---
		CO	1.69	---
		VOC	0.11	---
B-02	Plant Boiler No. 2	PM/PM ₁₀	0.39	---
		SO ₂	3.34	---
		NO _x	4.73	---
		CO	1.69	---
		VOC	0.11	---
	Total Plant Boiler Operations	PM/PM ₁₀	---	1.40
		SO ₂	---	6.76
		NO _x	---	18.10
		CO	---	13.06
		VOC	---	1.02
P-01	Pile Cooling Fan No. 1	PM/PM ₁₀	0.86	---
P-02	Pile Cooling Fan No. 2	PM/PM ₁₀	0.86	---
P-03	Pile Cooling Fan No. 3	PM/PM ₁₀	0.86	---
P-04	Pile Cooling Fan No. 4	PM/PM ₁₀	0.86	---
	Total Pile Cooling Fan Operations	PM/PM ₁₀	---	15.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
F-01	Receiving	PM PM ₁₀ 0.44	2.98 0.13	0.85
F-02	Pile Loading	PM PM ₁₀ 0.44	2.98 0.13	0.85
F-03	Seed Transfer	PM PM ₁₀ 0.05	0.21 0.02	0.06
P-11	Filter No. 1	PM/PM ₁₀	1.71	---
P-12	Filter No. 2	PM/PM ₁₀	1.71	---
P-13	Filter No. 3	PM/PM ₁₀	4.07	---
P-14	Filter No. 4	PM/PM ₁₀	2.14	---
P-15	Filter No. 5	PM/PM ₁₀	3.43	---
P-16	Filter No. 6	PM/PM ₁₀	0.86	---
P-17	Filter No. 7	PM/PM ₁₀	0.86	---
P-18	Filter No. 8	PM/PM ₁₀	0.86	---
	Total Filter Operations	PM/PM ₁₀	---	68.52
P-21	Meal Dryer/Cooler Cyclone Vent	PM/PM ₁₀ C ₆ H ₁₄	5.14 14.70	22.53 35.28
P-22	Final Condenser Vent	C ₆ H ₁₄	34.65	83.16

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			lb/hr	TPY
F-21	Extraction Plant	C ₆ H ₁₄	33.60	80.64
P-31	Hull Storage Silo	PM	0.01	0.04
		PM ₁₀ <0.01	0.01	
P-41	Meal Storage Silo	PM	0.01	0.06
		PM ₁₀ <0.01	0.02	
P-51	Process Tank Vent No. 1	PM	<0.01	---
		PM ₁₀ <0.01	---	
P-52	Process Tank Vent No. 2	PM	<0.01	---
		PM ₁₀ <0.01	---	
P-53	Process Tank Vent No. 3	PM	<0.01	---
		PM ₁₀ <0.01	---	
P-54	Process Tank Vent No. 4	PM	<0.01	---
		PM ₁₀ <0.01	---	
P-55	Process Tank Vent No. 5	PM	<0.01	---
		PM ₁₀ <0.01	---	
P-56	Process Tank Vent No. 6	PM	<0.01	---
		PM ₁₀ <0.01	---	
	Total Process Tank Vent	PM	---	0.06
	Operations	PM ₁₀	---	0.02

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- (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 PM greater than 10 microns is emitted.
SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
C₆H₁₄ - hexane
- * Refer to Special Condition No. 7 for throughput limitations and basis of emission rates.

Dated August 25, 2006