

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73271

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
Pit-1	Truck Receiving Pit No. 1	PM	3.06	-
		PM ₁₀	0.45	-
Pit-2	Truck Receiving Pit No. 2	PM	2.13	-
		PM ₁₀	0.31	-
	Total Receiving	PM	-	1.70
		PM ₁₀	-	0.25
Bag-1	Rice Bran Mill Handling Bagfilter (Fan [F-1] Material Handling)	PM ₁₀	0.13	0.56
Bag-2	Rice Mill Handling Bagfilter (Fan [F-2] Material Handling)	PM ₁₀	2.43	10.62
Cyc-1	Cleaning Plant Cyclone No. 1 (Aspirator, 2-stick Machines, monitor cleaner)	PM	1.88	7.50
		PM ₁₀	0.48	1.90
Cyc-2	Cleaning Plant Cyclone No. 2 (aspirator, 2-stick machines, monitor cleaner)	PM	1.88	7.50
		PM ₁₀	0.48	1.90
Cyc-3	Destoner Cyclone	PM	1.88	7.50
		PM ₁₀	0.48	1.90
Cyc-4	Aspirator Cleaner No. 9 Cyclone	PM	1.88	7.50
		PM ₁₀	0.48	1.90

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
Cyc-5 and 6	Aspirator Cleaner No. 8 Cyclone	PM	1.88	7.50
		PM ₁₀ 0.48	1.90	
Dry-1	Berico Dryer	PM	1.60	1.60
		PM ₁₀ 0.81	0.81	
		SO ₂	<0.01	<0.01
		NO _x	0.33	0.33
		CO	0.28	0.28
		VOC	0.02	0.02
Dry-2	Ferral Ross Dryer	PM	1.60	1.60
		PM ₁₀ 0.81	0.81	
		SO ₂	<0.01	<0.01
		NO _x	0.26	0.26
		CO	0.22	0.22
		VOC	0.01	0.01
Shp-1	Trash Trailer Loadout	PM	0.02	-
		PM ₁₀	0.01	-
Shp-2	Rough Rice Loadout No. 1	PM	3.48	-
		PM ₁₀	1.17	-
Shp-3	Rough Rice Loadout No. 2	PM	15.05	-
		PM ₁₀	5.08	-
Shp-4	Rough Rice Loadout No. 3	PM	3.48	-
		PM ₁₀	1.17	-
Shp-5	Rough Rice Loadout No. 4	PM	10.75	-
		PM ₁₀	3.63	-
Shp-6	Rice Bran and Rice Hulls Loadout	PM	4.30	-
		PM ₁₀	1.45	-

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			lb/hr	TPY
Shp-7	Broken White Rice Loadout	PM	10.75	-
		PM ₁₀	3.63	-
Shp-8	Brewer White Rice Loadout	PM	10.75	-
		PM ₁₀	3.63	-
Shp-9	White Rice Bagging System	PM	1.29	-
		PM ₁₀	0.44	-
Shp-(10-13) (each)	White Rice Bulk Loadout Nos. 1 - 4	PM	12.90	-
		PM ₁₀	4.35	-
Shp-14	Bailed Rice Hulls Loadout	PM	3.23	-
		PM ₁₀	1.09	-
Shp-15	Pit No. 1 Rice Loadout	PM	7.74	-
		PM ₁₀	2.61	-
	Total Loadout	PM	-	8.60
		PM ₁₀	-	2.90

(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 - nitrogen oxides

CO - carbon monoxide

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

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

Dated June 3, 2005