EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5651

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 Contaminants Name (3)	Emission Rates * lb/hr	TPY
F-1	Receiving Pit (a)	TSP	0.90	0.77
		PM_{10}	0.45	0.39
DS-1	Dryer Silo Vents (b)	PM_{10}	0.09	0.09
		VOC	0.08	0.08
		NO_x	2.88	2.88
		CO	0.48	0.48
		SO_2	<0.01	<0.01
M-10	Chaff Bin Cyclone (c)	PM_{10}	0.64	0.06
M-11	Brown Rice Cleaner West Cyclone (d)	PM_{10}	0.72	3.04
M-12	Brown Rice Cleaner East Cyclone (d)	PM_{10}	0.72	3.04
M-13	Mill Exhaust Dual Cyclones (e)	PM_{10}	2.06	3.06
M-14	Bran Collector Dual Cyclones (f)	PM_{10}	1.67	4.97
F-2	Bran Loadout (g)	TSP	2.25	0.31
		PM_{10}	1.13	0.16
F-3	Silo Loadout (h)	TSP	4.14	0.05
		PM_{10}	2.07	0.03
F-4	Chaff Bin Loadout (i)	TSP	1.04	0.01
		PM_{10}	0.52	<0.01

F-5	Hull Bins Loadout (j)	TSP	1.80	0.83
		PM_{10}	0.90	0.42
F-6	Mill Building Loadouts (e)	TSP	0.45	0.67
		PM_{10}	0.23	0.34

(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) TSP - total suspended particulate, including PM_{10}
PM_{10} - particulate matter less than 10 microns in diameter
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
CO - carbon monoxide

(a) Emission rates are based on and the facilities are limited to an hourly throughput of 50 tons and an annual throughput of 86,000 tons of rice.

(b) Emission rates are based on and the facilities are limited to an annual throughput of 86,000 tons of rice and 2,000 hours of annual operation.

(c) Emission rates are based on and the facilities are limited to an hourly throughput of five tons and an annual throughput of 1,000 tons of rice.

(d) Emission rates are based on and the facilities are limited to an hourly throughput of 10 tons and an annual throughput of 84,800 tons of rice.

(e) Emission rates are based on and the facilities are limited to an hourly throughput of 20 tons and an annual throughput of 59,500 tons of rice.

(f) Emission rates are based on and the facilities are limited to an hourly throughput of 10 tons and an annual throughput of 59,500 tons of rice.

(g) Emission rates are based on and the facilities are limited to an hourly throughput of 25 tons and an annual throughput of 6,800 tons of rice.

(h) Emission rates are based on and the facilities are limited to an hourly throughput of 46 tons and an annual throughput of 1,000 tons of rice.

(i) Emission rates are based on and the facilities are limited to an hourly throughput of 11.5 tons and an annual throughput of 200 tons of rice.

(j) Emission rates are based on and the facilities are limited to an hourly throughput of 20 tons and an annual throughput of 18,500 tons of rice.