

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22016

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)	<u>Emission Rates</u>	
			lb/hr	TPY
DUMP-1	Cottonseed (a) Unloading Dump	TSP	7.50	4.26
		PM ₁₀	1.88	1.07
HOUSE-4	Seed House No. 4 (a)	TSP	0.63	0.36
		PM ₁₀	0.16	0.09
TANK-2	White Seed (b) Tank No. 2	TSP	0.15	0.14
		PM ₁₀	0.04	0.04
TANK-4	Meal Tank No. 2 (c)	TSP	0.02	
		PM ₁₀	0.01	
TANK-5	Meal Tank No. 3 (c)	TSP	0.02	
		PM ₁₀	0.01	
	Total Meal Tank (d) Operations	TSP		0.06
		PM ₁₀		0.02
BAG-2	Meal Loadout (e) Baghouse	PM ₁₀	1.73	3.77
BAG-5	Delinting Room (f) Baghouse	PM ₁₀	3.43	14.61
BAG-6	Huller Room (f) Baghouse	PM ₁₀	2.06	8.76
FAN-4A	Seed House 4 (g) Cooling Fan A	PM ₁₀	0.82	1.80

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
FAN-4B	Seed House 4 (g) Cooling Fan B	PM ₁₀	0.82	1.80
FUGSTK-1	Hexane Fugitive (h) Stack	Hexane	14.70	62.64
DT/DC	Desolventizer (h) Toaster	PM ₁₀	3.46	14.75
		Hexane	3.27	13.92
Boiler-1A	Boiler No. 1 (i)	PM ₁₀	0.24	1.05
		SO ₂	0.01	0.04
		NO _x	1.75	7.67
		CO	0.18	0.79
		NM VOC	0.05	0.22
CYCN-34	Meal Conveyor (f) Aspiration Cyclone	PM ₁₀	0.86	3.68
STKN-35	Pellet Cooler (f) Stack	PM ₁₀	2.23	9.48
CYCN-36	Flake Roller (f) Aspiration Cyclone	PM ₁₀	2.06	8.76

(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 matter including PM₁₀
 PM₁₀ - particulate matter less than 10 microns in diameter
 SO₂ - sulfur dioxide
 NO_x - nitrogen oxides
 CO - carbon monoxide

NM VOC - non-methane volatile organic compounds as defined in 30 Texas Administrative Code §101.1

(a) Emission rates are based on and the facilities are limited to an hourly throughput of 125 tons and an annual throughput of 142,000 tons of raw (fuzzy) cottonseed.

(b) Emission rates are based on and the facilities are limited to an hourly throughput of 75 tons and an annual throughput of 142,000 tons of white (cleaned) cottonseed.

(c) Emission rates are based on and the facilities are limited to an hourly throughput of 8 tons of cottonseed meal.

(d) Emission rates are based on and the facilities are limited to an annual throughput of 64,965 tons of cottonseed meal.

(e) Emission rates are based on and the facilities are limited by the following maximum operating schedule:

_____Hrs/day _____Days/week _____Weeks/year or 4,368 Hrs/year.

(f) Emission rates are based on and the facilities are limited by the following maximum operating schedule:

_____Hrs/day _____Days/week _____Weeks/year or 8,520 Hrs/year.

(g) Emission rates are based on and the facilities are limited by the following maximum operating schedule:

_____Hrs/day _____Days/week _____Weeks/year or 4,380 Hrs/year.

(h) Refer to Special Condition No. 5 for throughput limitations and basis of emission rates.

(i) Emission rates are based on and the facilities are limited by the following maximum operating schedule:

_____Hrs/day _____Days/week _____Weeks/year or 8,760 Hrs/year.

Dated September 27, 2001