

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73174

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 Unloading Dump	PM PM ₁₀ 0.50	3.40 0.50	3.40
HOUSE-1	Seed House No. 1	PM PM ₁₀ 1.02	1.83 0.30	0.53
HOUSE-2	Seed House No. 2	PM PM ₁₀ 1.02	1.83 0.30	0.53
HOUSE-3	Seed House No. 3	PM PM ₁₀ 1.02	1.83 0.30	0.53
HOUSE-5	Corn Germ House	PM PM ₁₀ 0.64	1.14 0.78	1.39
SOUTH-1	South Outside Storage Pile	PM PM ₁₀ 4.08	7.32 1.36	2.44
NORTH-1	North Outside Storage Pile	PM PM ₁₀ 4.08	7.32 1.87	3.36
TANK-1	East Seed Storage Tank	PM PM ₁₀ 0.34	0.61 0.24	0.44
TANK-2	West Seed Storage Tank	PM PM ₁₀ 0.34	0.61 0.24	0.44
TANKC	E/W Surge Tank Cyclones	PM/PM ₁₀	4.11	10.86
SH1A	Seed House 1 Fan A	PM/PM ₁₀	0.22	0.28
SH1B	Seed House 1 Fan B	PM/PM ₁₀	0.22	0.28

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
SH2A	Seed House 2 Fan A	PM/PM ₁₀	0.22	0.28
SH2B	Seed House 2 Fan B	PM/PM ₁₀	0.22	0.28
SH3A	Seed House 3 Fan A	PM/PM ₁₀	0.22	0.28
SH3B	Seed House 3 Fan B	PM/PM ₁₀	0.22	0.28
NOSA	North Outside Storage Fan A	PM/PM ₁₀	0.08	0.10
NOSB	North Outside Storage Fan B	PM/PM ₁₀	0.08	0.10
NOSC	North Outside Storage Fan C	PM/PM ₁₀	0.08	0.10
NOSD	North Outside Storage Fan D	PM/PM ₁₀	0.08	0.10
SOSA	South Outside Storage Fan A	PM/PM ₁₀	0.10	0.13
SOSB	South Outside Storage Fan B	PM/PM ₁₀	0.10	0.13
SOSC	South Outside Storage Fan C	PM/PM ₁₀	0.10	0.13
CC1	No. 1 Seed Cleaner Cyclone	PM/PM ₁₀	0.96	3.92
CC2	No. 2 Seed Cleaner Cyclone	PM/PM ₁₀	0.96	3.92
CC3	No. 3 Seed Cleaner Cyclone	PM/PM ₁₀	0.96	3.92
CC4	No. 4 Seed Cleaner Cyclone	PM/PM ₁₀	0.96	3.92
CC5	No. 5 Seed Cleaner Cyclone	PM/PM ₁₀	0.96	3.92
CC6	No. 6 Seed Cleaner Cyclone	PM/PM ₁₀	0.96	3.92
CC7	No. 7 Seed Cleaner Cyclone	PM/PM ₁₀	0.96	3.92
CC8	No. 8 Seed Cleaner Cyclone	PM/PM ₁₀	0.96	3.92

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			lb/hr	TPY
CC9	No. 9 Seed Cleaner Cyclone	PM/PM ₁₀	0.96	3.92
TANK-3	White Seed Tank	PM PM ₁₀ 0.17	0.31 0.49	0.88
LB1	Fabric Filter for 3rd Cut Beaters	PM/PM ₁₀	1.11	4.51
LB2	Drum Filter for 3rd Cut Beaters	PM/PM ₁₀	3.00	12.20
LC12	Reclaim Pick-up from Huller Room	PM/PM ₁₀ 5.27		1.30
LC16	Kice Cascade Cyclones	PM/PM ₁₀	1.65	6.69
BC1	No. 1 1st and 2nd Cut Cyclone	PM/PM ₁₀	5.14	20.92
BC2	No. 2 1st and 2nd Cut Cyclone	PM/PM ₁₀	0.51	2.09
BC3	Cyclone Recycle	PM/PM ₁₀	0.51	2.09
HB1	Huller Room Fabric Filter	PM/PM ₁₀	0.77	3.14
HB2	Huller Room Drum Filter	PM/PM ₁₀	3.85	15.69
TANK-10	Black Seed Tank	PM PM ₁₀ 0.11	0.20 0.45	0.81
HC4	Dust Control into Abilene Beater Cyclone	PM/PM ₁₀	0.65	2.65
TANK-8	Meats Tank No. 1	PM PM ₁₀ 0.07	0.13 0.30	0.54
TANK-9	Corn Germ Tank	PM PM ₁₀ 0.14	0.24 0.31	0.56

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			lb/hr	TPY
TANK-11	Meats Tank No. 2	PM	0.04	0.09
		PM ₁₀ 0.02	0.05	
TANK-12	Meats Tank No. 3	PM	0.04	0.09
		PM ₁₀ 0.02	0.05	
HOUSE-4	Hull House	PM	0.16	0.67
		PM ₁₀ 0.09	0.37	
LOAD-2	Hull Loadout to Truck	PM	0.86	0.38
		PM ₁₀ 0.29	0.13	
BAG-4	Hull Loadout Baghouse	PM/PM ₁₀	0.29	1.18
HOUSE-6	Bulk Corn Germ Meal Warehouse		PM	0.16
		0.70 PM ₁₀ 0.09	0.39	
HOUSE-7	Bulk Cottonseed Meal Warehouse		PM	0.26
		1.04 PM ₁₀ 0.14	0.58	

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an 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.

Dated July 11, 2005