

Emission Sources - Maximum Allowable Emission Rates

Permit Number 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, sources, and related activities. 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 (4) *	
			lbs/hour	TPY
DUMP-1	Cottonseed Unloading Dump	PM	22.50	12.78
		PM ₁₀	7.38	4.19
HOUSE-4	Seed House No. 4	PM	1.91	0.23
		PM ₁₀	1.06	0.13
TANK-2	White Seed Tank No. 2	PM	0.46	0.43
		PM ₁₀	0.26	0.24
TANK-4	Meal Tank No. 2	PM	0.05	--
		PM ₁₀	0.03	--
TANK-5	Meal Tank No. 3	PM	0.05	--
		PM ₁₀	0.03	--
	Total Meal Tank Operations	PM	--	0.20
		PM ₁₀	--	0.11
HOUSE-4L	White Seed Truck Loadout	PM	4.30	9.89
		PM ₁₀	1.45	3.34
BAG-2	Meal Loadout Baghouse	PM	1.73	3.77
		PM ₁₀	1.73	3.77
BAG-5	Delinting Room Baghouse	PM	3.43	14.61
		PM ₁₀	3.43	14.61
BAG-6	Huller Room Baghouse	PM	2.06	8.76
		PM ₁₀	2.06	8.76
AC-TK	Clay Tank Baghouse	PM	0.06	< 0.01
		PM ₁₀	0.06	< 0.01
FAN-4A	Seed House 4 Cooling Fan A	PM	0.82	1.80

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		PM ₁₀	0.82	1.80
FAN-4B	Seed House 4 Cooling Fan B	PM	0.82	1.80
		PM ₁₀	0.82	1.80
FAN-HC	Hull House Cooling Fan	PM	0.17	0.38
		PM ₁₀	0.17	0.38
FUGSTK-1	Hexane Fugitive Stack	Hexane	14.70	62.64
DT/DC	Desolventizer Toaster	PM	3.46	14.75
		PM ₁₀	3.46	14.75
		Hexane	3.27	13.92
Boiler-1A	Boiler No. 1	PM	0.13	0.57
		PM ₁₀	0.13	0.57
		CO	0.17	0.75
		NO _x	1.71	7.49
		SO ₂	0.01	0.04
		NM VOC	0.09	0.41
CYCN-34	Meal Conveyor Aspiration Cyclone	PM	0.86	3.68
		PM ₁₀	0.86	3.68
STKN-35	Pellet Cooler Stack	PM	2.23	9.48
		PM ₁₀	2.23	9.48
CYCN-36	Flake Roller Aspiration Cyclone	PM	2.06	8.76
		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)
 - CO - carbon monoxide
 - NO_x - total oxides of nitrogen
 - PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as

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- represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- SO₂ - sulfur dioxide
- NM VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

* Refer to Special Conditions for throughput limitations and basis of emission rates.

Date: December 14, 2012