

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 73201

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 (5)	
			lbs/hour	TPY (4)
P1	Truck Receiving Pit (6)	PM	0.09	0.22
		PM <sub>10</sub>	0.01	0.04
		PM <sub>2.5</sub>	0.01	0.03
C-3	Pneumatic Receiving Cyclone Stack	PM	1.03	0.22
		PM <sub>10</sub>	0.51	0.04
		PM <sub>2.5</sub>	0.51	0.03
	Total Annual Receiving Operations	PM	--	0.22
		PM <sub>10</sub>	--	0.04
		PM <sub>2.5</sub>	--	0.03
1	Seed Cleaner (6)	PM	0.38	0.31
		PM <sub>10</sub>	0.10	0.08
		PM <sub>2.5</sub>	0.02	0.01
C-1	Buffing Reels Cyclone Stack	PM	1.45	3.41
		PM <sub>10</sub>	1.45	3.41
		PM <sub>2.5</sub>	1.45	3.41
C-2	Dryer Cyclone Stack	PM	0.54	0.64
		PM <sub>10</sub>	0.54	0.64
		PM <sub>2.5</sub>	0.54	0.64
		VOC	0.03	0.06
		NO <sub>x</sub>	0.50	1.18

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C-2	Dryer Cyclone Stack	SO <sub>2</sub>	<0.01	0.01
		CO	0.42	0.99
C-4	Cleaner Aspirator Cyclone Stack	PM	1.76	4.14
		PM <sub>10</sub>	1.76	4.14
		PM <sub>2.5</sub>	1.76	4.14
		NH <sub>3</sub>	0.10	0.24
C-5	Gravity Bins Cyclone Stack	PM	0.86	2.02
		PM <sub>10</sub>	0.86	2.02
		PM <sub>2.5</sub>	0.86	2.02
		NH <sub>3</sub>	0.10	0.24
C-6	Upstream Seed Treater 1/Bagger 1 Room Dust System and Overhead Bin Pneumatic Transfer System Cyclone Stacks (Two Cyclones)	PM	0.04	0.04
		PM <sub>10</sub>	0.02	0.01
		PM <sub>2.5</sub>	<0.01	<0.01
C-7	Downstream Seed Treater 2/Bagger 2 Room Dust System and Overhead Bin Pneumatic Transfer System Cyclone Stacks (Two Cyclones)	PM	0.04	0.01
		PM <sub>10</sub>	0.02	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
V1	Delinting Drum Vent and Drum Preheater	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		VOC	<0.01	<0.01
		NO <sub>x</sub>	0.05	<0.01
		CO	0.04	<0.01
V1	Delinting Drum Vent and Drum Preheater Vent	SO <sub>2</sub>	<0.01	<0.01
		HCl	2.10	4.95

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L-CL	Cull Tank Loadout (6)	PM	0.22	0.12
		PM <sub>10</sub>	0.07	0.04
		PM <sub>2.5</sub>	0.01	0.01
		NH <sub>3</sub>	0.10	0.24
L-F	Fuzzy Seed Overhead Bins (6)	PM	0.22	<0.01
		PM <sub>10</sub>	0.07	<0.01
		PM <sub>2.5</sub>	0.01	<0.01

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO<sub>x</sub> - total oxides of nitrogen
- SO<sub>2</sub> - sulfur dioxide
- PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
- PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
- PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide
- NH<sub>3</sub> - Ammonia
- HCl - Hydrochloric Acid
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Dated: June 17, 2015