

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3458

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)	Emission Rates *	
			lb/hr	TPY
DPREC-1	Receiving System (Fuzzy Cottonseed)	PM	0.85	0.85
		PM ₁₀	0.13	0.13
C-7	Dryer Feeder Cyclone Separator	PM	1.80	1.80
		PM ₁₀	0.90	0.90
DRY-1	Dryer (Cottonseed)	PM/PM ₁₀	1.12	1.13
		VOC	0.01	0.02
		NO _x	0.20	0.37
		CO	0.17	0.31
		SO ₂	<0.01	<0.01
BAG-1	Delinting Bin/Bufing Reel/ Cleaner/ Neutralizer Bagfilter	PM/PM ₁₀	0.86	1.57
		NH ₄ Cl	0.86	1.57
		NH ₃	0.75	0.75
C-3	Gravity Table Cyclone	PM/PM ₁₀	1.03	1.88
C-9	Handling/ Processing Cyclone	PM/PM ₁₀	3.16	5.76
SL	Slurry Treater	VOC	5.79	1.24
		HAPs (4)	0.15	0.06
C-6	Main Trash Cyclone	PM/PM ₁₀	0.19	0.35
DL-1	Cull Bin Hopper Loadout	PM	2.15	0.11
		PM ₁₀	0.73 0.04	
GREC-1	Truck Receiving Pit (Grains Plant)	PM	0.43	0.09
		PM ₁₀	0.06	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
GC-1	Cleaner/Cull Tank (Grains Plant)	PM	1.88	0.42
		PM ₁₀	0.47	0.11
GL-1	Truck Loadout No. 1 (Grains Plant)	PM	2.15	---
		PM ₁₀	0.73	---
GL-2	Truck Loadout No. 2 (Grains Plant)	PM	2.15	---
		PM ₁₀	0.73	---
GL-3	Cull Tank Loadout (Grains Plant)	PM	2.15	---
		PM ₁₀	0.73	---
	Total Loadout Operations (Grains Plant)	PM	---	0.45
		PM ₁₀	---	0.15

- (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) 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.
SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NH₃ - ammonia
NH₄Cl - ammonium chloride
HAPs - hazardous air pollutants including dioxane, ethylene glycol, ethylene oxide, formaldehyde, methanol, naphthalene, propylene oxide, and toluene.
- (4) HAPs are included in the VOC emission rates for this source.

* Refer to Special Condition Nos. 4 and 5 for throughput limitations and basis of emission rates.

Dated August 22, 2006