

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1824

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
1	Receiving Cyclone	PM	0.17	0.02
		PM <sub>10</sub>	0.03	<0.01
2	Seed Transfer	PM	0.38	0.17
		PM <sub>10</sub>	0.06	0.03
3	Seed Heater	PM/PM <sub>10</sub>	0.51	0.24
		SO <sub>2</sub>	0.01	
		NO <sub>x</sub>	0.46	0.58
		CO	0.06	0.08
		VOC	0.02	0.02
4	Delinting Drum	HCl	1.13	0.50
5	Buffing Reel	PM/PM <sub>10</sub>	0.64	0.80
6	Neutralizer	NH <sub>3</sub>	0.27	0.12
7	Aspirator/Cleaner	PM/PM <sub>10</sub>	0.64	0.80
8	Grader	PM/PM <sub>10</sub>	0.64	0.80
9	Slurry Treater	VOC	23.29	11.03
		HAPs (4)	4.90	2.18
10	Cull Barn/Lint Barn Loadout	PM	2.15	0.01
		PM <sub>10</sub>	<0.01	

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- (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 PM<sub>10</sub>
    - PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
    - SO<sub>2</sub> - sulfur dioxide
    - NO<sub>x</sub> - total oxides of nitrogen
    - CO - carbon monoxide
    - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
    - HCl - hydrochloric acid
    - NH<sub>3</sub> - ammonia
    - HAPs - hazardous air pollutants which include 1,4-dioxane, ethylene oxide, ethylene glycol, and naphthalene
  - (4) HAPs are included in the VOC emission rates for this source.
- \* Refer to Special Condition Nos. 2 and 3 for throughput limitations and basis of emission rates.

Date July 13, 2006