

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2770

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
27	Flaker Roller and Cooker Aspiration Cyclone	PM <sub>10</sub>	0.93	4.05
56	Meal Cooling Vent	Hexane PM <sub>10</sub>	4.20 0.59	18.40 2.58
57	Meal Drying Vent	Hexane PM <sub>10</sub>	6.30 0.54	27.60 2.37
66	Boiler Feed Cyclone	PM <sub>10</sub>	0.95	1.41
67	Boiler Ash Cyclone	PM <sub>10</sub>	0.59	0.88
71	Main Vent	Hexane	39.90	174.80
82	Solvent Sump (4)	Hexane	1.40	6.10
83	Storage Tank (4)	Hexane	2.60	11.40
South-1H	Hull-Fired Boiler	PM <sub>10</sub>	21.60	15.27
		NO <sub>x</sub>	1.14	0.81
		CO	19.80	13.99
		SO <sub>2</sub>	0.23	0.16
		VOC	0.54	0.38
Trash-1	Peanut Trash Dump (4)	PM	0.45	0.33
		PM <sub>10</sub>	0.23	0.17

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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 particulate matter greater than 10 microns is emitted.  
NO<sub>x</sub> - oxides of nitrogen.  
CO - carbon monoxide.  
SO<sub>2</sub> - sulfur dioxide.  
VOC - volatile organic compounds.
- (4) Fugitive emissions are an estimate only.

\* Emission rates for the hexane extraction unit are based on and limited to 700 tons per day of raw cottonseed and/or 400 tons per day of oil stock peanuts and the following operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Emission rates for the hull-fired boiler are based on and limited to 4,241 tons per year of cottonseed hulls and the following operating schedule:

Hrs/day 24 Days/year 124 or Hrs/year 2,976

Permit No. 2770  
Page 3

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Dated \_\_\_\_\_