

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 5089

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
PIT-3	Receiving Pit No. 3	PM	12.75	-
		PM <sub>10</sub>	1.88	-
PIT-4	Receiving Pit No. 4	PM	46.75	-
		PM <sub>10</sub>	6.88	-
	Total Receiving Operations	PM	-	3.40
		PM <sub>10</sub>	-	0.50
C3	Pit No. 3 Cleaner	PM	3.75	-
		PM <sub>10</sub>	0.95	-
CYC-4	Pit No. 4 Cleaner Cyclone	PM	0.94	-
		PM <sub>10</sub>	0.24	-
	Total Cleaning Operations	PM	-	4.50
		PM <sub>10</sub>	-	1.14
DRY-PIT3	Pit No. 3 Dryer	PM	0.35	-
		PM <sub>10</sub>	0.19	-
		SO <sub>2</sub>	<0.01	-
		NO <sub>x</sub>	0.40	-
		CO	0.34	-
		VOC	0.02	-
DRY-PIT4	Pit No. 4 Dryer	PM	0.88	-
		PM <sub>10</sub>	0.48	-
		SO <sub>2</sub>	0.01	-
		NO <sub>x</sub>	1.21	-
		CO	1.02	-
		VOC	0.07	-

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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
	Total Drying Operations	PM	-	0.51
		PM <sub>10</sub>	0.32	
		SO <sub>2</sub>	-	0.01
		NO <sub>x</sub>	-	1.69
		CO	-	1.42
		VOC	-	0.09
L3	Pit No. 3 Storage Building Loadout	PM	6.45	-
		PM <sub>10</sub>	2.18	-
L4	Pit No. 4 Loadout (Spout Nos. 1 through 12 and Auger Conveyor)	PM	25.03	-
		PM <sub>10</sub>	8.44	-
	Total Loadout Operations (EPNs L3 and L4)	PM	-	1.72
		PM <sub>10</sub>	-	0.58
LT3	Pit No. 3 Cleaner Trash Loadout	PM	0.03	0.03
		PM <sub>10</sub>	0.01	0.01
LT4	Pit No. 4 Cleaner Trash Loadout	PM	0.05	0.04
		PM <sub>10</sub>	0.02	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) 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

\* Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

Dated March 22, 2005