

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 78302L001

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
ENGINE	Generator Engine	NO _x	20.24	5.06
		CO	2.86	0.72
		VOC	0.15	0.04
		PM	0.14	0.04
		SO ₂	2.23	0.56
MAT_HANDL	Material Handling (4)(5)	PM	0.28	0.07
		PM ₁₀	0.09	0.02
SCREEN	Screening Operations (4)	PM	1.44	0.36
		PM ₁₀	0.88	0.22
BAG-1	Dryer and Drum Baghouse and Lime Handling	NO _x	22.00	5.50
		CO	52.00	13.00
		VOC	12.80	3.20
		SO ₂	23.20	5.80
		PM ₁₀	22.97	5.74
ASPH_TANK1	Storage Vessel for Hot Oil Tank 1 (4)	VOC	0.16	0.03
ASPH_TANK2	Storage Vessel for Hot Oil Tank 2 (4)	VOC	0.16	0.03
HEAT-1	Asphalt Heater Vent	PM	0.05	0.22
		VOC	<0.01	0.02
		NO _x	0.36	1.59
		SO ₂	0.71	3.12
		CO	0.08	0.33
HEAT-2	Asphalt Heater Vent	PM	0.05	0.22
		VOC	<0.01	0.02
		NO _x	0.36	1.59
		SO ₂	0.71	3.12
		CO	0.08	0.33

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
HMA_SILO	Storage Silo Filling (4)	CO	0.47	0.12
		VOC	4.87	1.22
		PM	0.23	0.06
TRK_LOAD	Truck Load-Out (4)	CO	0.54	0.13
		VOC	1.56	0.39
		PM	0.21	0.05
STOCKPILES	Stockpiles (4)	PM	-	4.02
		PM ₁₀	-	2.01

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. 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

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.

NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

(4) Fugitive emissions are an estimate only.

(5) Includes drop points from Bins, Pug Mixer, Conveyors 1, 2, and 3.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule and production rates:

10 Hrs/day 5 Days/week 10 Weeks/year or 500 Hrs/year

Throughput: 400 Tons/hour 200,000 Tons/year

Total Facility: 200,000 Tons/year

Dated June 8, 2006