

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 39144

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	Cement Silo No. 1 D.C. Vent	PM ₁₀	0.05	0.21
2	Cement Silo No. 2 D.C. Vent	PM ₁₀	0.05	0.21
3	Cement Silo No. 3 D.C. Vent	PM ₁₀	0.05	0.21
4	Sand Silo D.C. Vent	PM ₁₀	0.05	0.21
5	Mixer No. 1 D.C. Vent	PM ₁₀	0.01	0.05
6	Mixer No. 2 D.C. Vent	PM ₁₀	0.01	0.05
7	Mixer No. 1 W. B. Vent	PM ₁₀	0.01	0.04
8	Mixer No. 2 W.B. Vent	PM ₁₀	0.01	0.04
FUG1	Material Handling (4)	PM PM ₁₀	0.26 <0.01	1.14 0.03
FUG2	Stockpiles (4)	PM		0.60

Permit No. 39144
Page 2

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
		PM ₁₀		0.35

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
FUG3	Cure Ovens (4)	NO _x	0.96	4.20
		CO	0.20	0.84
		VOC	0.08	0.35
		SO ₂	<0.006	0.03
		PM ₁₀	0.05	0.20

(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) VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

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.

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

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

Material handling and Mixing Operation: 24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Cure Ovens: 8,760 Hrs/year

Plant Throughput: 50 cubic yards per hour and 438,000 cubic yards per year

Permit No. 39144
Page 4

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

Dated_____