

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. S-18998C

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
REC-1 and REC-2	Material Receiving (4)	PM	0.05	0.03
		PM ₁₀	0.02	0.01
1	Drum/Dryer Bagfilter	PM ₁₀	10.20	5.17
		VOC(a)	11.20	5.60
		VOC(b) 11.20	5.60	
		VOC(c) 437.50	4.38	
		NO _x	19.25	9.76
		SO ₂	20.30	10.30
		CO	45.50	23.08
		HCl	0.07	0.04
		Pb	0.01	<0.01
LS-1	Lime Silo Bagfilter	PM ₁₀	0.05	0.02
MS-1	Mineral Silo Bagfilter	PM ₁₀	0.05	0.02
SF-1	Silo Filling	PM ₁₀	0.15	0.08
		VOC 1.83	0.91	
		CO 0.18	0.09	
PL-1	Plant Loadout (4)	PM ₁₀	0.11	0.06
		VOC 0.59	0.29	
		CO 0.20	0.10	
T-1 and T-2	Diesel/ Fuel Oil Tanks	VOC	0.39	0.01
AC-1	AC Tank	PM ₁₀	0.01	<0.01
		VOC 0.52	0.07	
		CO 0.05	0.01	

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H-1	Hot Oil Heater		PM ₁₀	0.04	0.08
		VOC	0.01	0.01	
		NO _x	0.35	0.77	
		SO ₂		0.75	1.63
		CO	0.09	0.19	
CH-1	Cellulose Handling (4)		PM	0.02	0.01
		PM ₁₀	0.01	<0.01	
FUG-1	Material Handling (4)		PM	1.34	0.69
		PM ₁₀	0.49	0.25	
STK	Stockpiles (4)		PM	0.17	0.72
		PM ₁₀	0.08	0.36	
STK- CM	Cold Mix Stockpiles (4)		VOC (c)	4.20	2.19

(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 PM₁₀

PM₁₀ - particulate matter equal to or less than 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.

VOC - volatile organic compounds as defined in General Rule 101.1

VOC(a) -asphalt vapors from standard mix and fuel combustion vapors

VOC(b) -diesel or kerosene vapors from cold mix, asphalt vapors, and fuel combustion vapors

VOC(c) -vapors from a rubber modified asphalt mix and fuel combustion vapors

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

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

24 Hrs/day 7 Days/week 40 Weeks/year or 6,720 Hrs/year

Standard Hot Mix: Tons/hour 350 Tons/year 350,000

Standard Hot Mix with Rubber: Tons/hour 350 Tons/year 350,000

Cold Mix with Emulsion: Tons/hour 250 Tons/year 5,000

Dated _____