

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 79380L001

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.

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	AIR CONTAMINANTS DATA	
			<u>Emission Rates *</u>	
			lb/hr	TPY**
ENG-1	Generator Engine 1 (4)	NO _x	17.11	9.24
		CO	3.02	1.63
		VOC	0.57	0.31
		PM/PM ₁₀	0.48	0.26
		SO ₂	2.45	1.33
ENG-2	Generator Engine 2 (4)	NO _x	3.74	2.02
		CO	0.33	0.18
		VOC	0.14	0.07
		PM/PM ₁₀	0.08	0.04
		SO ₂	0.70	0.38
MAT_HANDL	Material Handling (4)	PM	0.24	0.10
		PM ₁₀	0.08	0.03
SCREEN	Screening Operations (4)	PM	0.70	0.30
		PM ₁₀	0.24	0.10
BAG-1	Drum Mixer Dryer Stack	NO _x	17.60	7.43
		CO	41.60	17.55
		VOC	10.24	4.32
		SO ₂	18.56	7.83
		PM/PM ₁₀	23.31	12.59
ASPH-TANK1	Liquid Asphalt Tank 1	VOC	0.16	0.04
ASPH-TANK2	Liquid Asphalt Tank 2	VOC	0.16	0.04
HMA-SILO	Hot Mix Silo Filling (4)	CO	0.38	0.16
		VOC	3.90	1.65
		PM/PM ₁₀	0.19	0.08

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BAG-SIL1	Lime Storage Silo 1 (4)	PM/PM ₁₀	0.04	0.01
BAG-SIL2	Lime Storage Silo 2 (4)	PM/PM ₁₀	0.04	0.01
HEAT-1	Hot Oil Heater 1 (4)	NO _x	0.36	1.59
		CO	0.08	0.33
		VOC	0.01	0.02
		PM/PM ₁₀	0.05	0.22
		SO ₂	0.71	3.12
HEAT-2	Hot Oil Heater 2	NO _x	0.36	1.59
		CO	0.08	0.33
		VOC	0.01	0.02
		PM/PM ₁₀	0.05	0.22
		SO ₂	0.71	3.12
STOCKPILES	Stockpiles (4)	PM	-.--	4.02
		PM ₁₀	-.--	2.01
TRK_LOAD	Truck Loading (4)	CO	0.43	0.18
		VOC	1.33	0.56
		PM/PM ₁₀	0.17	0.07

(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 an area name or fugitive source name.

(3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}

PM₁₀ - particulate matter equal to or less than 10 microns in diameter

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:

10 Hrs/day 5 Days/week 52 Weeks/year or 1,080 Hrs/year

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Standard Hot Mix Production shall be limited to 320 tons per hour (tph) and 270,000 tons per year (tpy).

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated March 13, 2007