

Emission Sources - Maximum Allowable Emission Rates

Permit Number 6449J

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, sources, and related activities. 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 (5) *	
			lbs/hour	TPY
STK1	Dryer Stack	PM ₁₀	11.84	3.67
		VOC	9.28	2.88
		VOC (cold mix)	455.00	17.50
		NO _x	15.95	4.95
		SO ₂	16.82	5.22
		CO	37.70	11.70
		HCl	0.06	0.02
HTR1	Asphalt Heater Vent (4)	PM ₁₀	< 0.01	0.03
		VOC	< 0.01	0.02
		NO _x	< 0.01	0.43
		SO ₂	< 0.01	< 0.01
		CO	< 0.01	0.04
AT1	Asphalt Storage Tanks (4)	VOC	< 0.01	0.03
FOT1	Fuel Oil Storage Tank (4)	VOC	< 0.01	0.02
DT1	Diesel Storage Tank (4)	VOC	< 0.01	0.01
S1-S2	Storage Silo Filling (4)	PM ₁₀	0.19	0.06
		VOC	4.54	1.14
		CO	0.44	0.14
LO1	Truck Loadout	PM ₁₀	0.18	0.06
		VOC	1.46	0.45
		CO	0.50	0.16
STK1	Aggregate Stockpiles (4)	PM	--	0.19
		PM ₁₀	--	0.10
CMSTK	Cold Mix Stockpiles (4)	VOC	--	3.50

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MH1	Material Handling (4)	PM	0.07	0.02
		PM ₁₀	0.03	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) CO - carbon monoxide
HCl - hydrogen chloride
NO_x - total oxides of nitrogen
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
VOC (cold mix) - primarily diesel or kerosene vapors from cold mix
- (4) Fugitive emissions are an estimate only.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

* 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 52 Weeks/year or 8,760 Hrs/year

Standard Hot Mix: Tons/hour 290 Tons/year 180,000

Medium Cure/Cold Mix with Emulsion: Tons/hour 130 Tons/year 10,000

Date: January 25, 2013