

Emission Sources - Maximum Allowable Emission Rates

Permit Number 6499J

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 (4)
STK1	Dryer and Lime Silo Baghouse Stack	PM	9.69	3.17
		PM ₁₀	6.76	2.21
		PM _{2.5}	6.47	2.12
		VOC	9.28	2.88
		VOC (cold mix)	455.00	17.50
		NO _x	15.95	5.23
		SO ₂	16.82	5.51
		CO	37.70	12.35
		HCl	0.06	0.02
HTR1	Asphalt Heater Vent Stack	PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
		VOC	0.01	0.02
		NO _x	0.10	0.15
		SO ₂	0.01	0.02
		CO	0.01	0.01
ACT1	Asphalt Cement Tanks (4)	VOC	<0.01	0.02
RIOT1	Reclaimed Industrial Oil Tank (4)	VOC	<0.01	<0.01
DT1	Diesel Tank (4)	VOC	<0.01	<0.01
AST1	Anti-strip Tank (4)	VOC	0.01	0.04
S1-S2	Storage Silo Filling (4)	PM	0.19	0.06
		PM ₁₀	0.19	0.06
		PM _{2.5}	0.19	0.06
		VOC	4.54	1.49
		CO	0.44	0.14

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LO1	Truck Loadout	PM	0.18	0.06
		PM ₁₀	0.18	0.06
		PM _{2.5}	0.18	0.06
		VOC	1.46	0.48
		CO	0.50	0.16
SP	Stockpiles (4)	PM	-.--	0.19
		PM ₁₀	-.--	0.10
		PM _{2.5}	-.--	0.01
CMSP	Cold Mix Stockpiles (4)	VOC (cold mix)	2.10	3.50
MH1	Material Handling (4)	PM	0.80	0.26
		PM ₁₀	0.27	0.09
		PM _{2.5}	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) 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
PM_{2.5} -particulate matter equal to or less than 2.5 microns in diameter
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
NO_x -total oxides of nitrogen
SO₂ -sulfur dioxide
CO -carbon monoxide
HCl -hydrogen chloride
- (4) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit

Date: March 25, 2014