

Emission Sources - Maximum Allowable Emission Rates

Permit Number 188K

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
10	Wet Scrubber Stack	PM	45.50	45.92
		VOC (a)	10.40	9.54
		VOC (b)	73.45	4.52
		VOC (c)	612.50	35.00
		NO _x	17.88	18.04
		SO ₂	18.85	19.02
		CO	42.25	42.64
11	Lime Storage Silo	PM ₁₀	0.05	< 0.01
F1	Stockpile Fugitives (4)	PM	--	0.41
		PM ₁₀	--	0.20
		VOC (c)	10.08	17.50
F2	Material Handling (4)	PM	0.56	0.69
		PM ₁₀	0.48	0.47
19	Hot Oil Heater	PM ₁₀	0.03	0.06
		NO _x	0.28	0.61
		CO	0.07	0.15
		SO ₂	0.60	1.31
		VOC	0.01	0.02

- (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
 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

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

VOC (a) - mainly asphalt vapors

VOC(b) - additional VOC due to the use of crumb rubber

VOC(c) - primarily diesel or kerosene vapors

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (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:

Hrs/day 8 Days/week 5 Weeks/year 52

Standard Hot Mix: Tons/hour 325 Tons/year 656,000

Hot Mix w/Crumb Rubber option: Tons/hour 325 Tons/year 40,000

Cutback Cold Mix: Tons/hour 175 Tons/week 2,400 Tons/year 20,000

Total Hot Mix Production: Tons/year 656,000 from any combination of the above but not to exceed above limits.

Date: March 5, 2013