

Emission Sources - Maximum Allowable Emission Rates

Permit Number 6313A

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
14	Baghouse Stack	PM ₁₀	10.02	8.35
		VOC (a)	9.60	8.32
		VOC (b)	297.50	17.50
		NO _x	16.50	14.30
		SO ₂	17.40	15.08
		CO	39.00	33.80
		HCl	0.06	0.06
STKP	Stockpile Fugitives (4)	PM	--	0.57
		PM ₁₀	--	0.28
CSTKP Cold	Mix Stockpile (4)	VOC	4.20	35.00
1-8	Raw Aggregate Process (4)	PM	2.39	2.00
		PM ₁₀	0.24	0.20
12	Silo Filling	PM	0.18	0.13
		CO	0.35	0.29
		VOC	3.66	3.05
12A	Plant Loadout	PM	0.16	0.13
		CO	0.40	0.34
		VOC	1.17	0.98

- (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

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SO₂ - sulfur dioxide

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

VOC(a) - mainly asphalt vapors

VOC(b) - 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:

10 Hrs/day 5 Days/week 51 Weeks/year or 2,550 Hrs/year

Standard Hot Mix: Tons/hour 300 Tons/year 500,000

Cold Mix: Tons/hour 160 Tons/year 20,000

Date: January 25, 2013