

Emission Sources - Maximum Allowable Emission Rates

Permit Number 7681

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 (4)	
			lbs/hour	TPY (5)
S-B-6	Raw Material Dryer No. 1 Baghouse	PM	4.60	20.30
		PM ₁₀	2.30	10.10
		NO _x	2.10	9.20
		CO	0.53	2.30
		VOC	0.04	0.18
		SO ₂	<0.01	0.04
S-B-8	Raw Material Dryer No. 2 Baghouse	PM	4.60	20.30
		PM ₁₀	2.30	10.10
		NO _x	2.10	9.20
		CO	0.53	2.30
		VOC	0.04	0.18
		SO ₂	<0.01	0.04
S-B-10	Raw Material Dryer No. 3 Baghouse	PM	4.60	20.30
		PM ₁₀	2.30	10.10
		NO _x	2.10	9.20
		CO	0.53	2.30
		VOC	0.04	0.18
		SO ₂	<0.01	0.04
MSSFUG	Planned Maintenance Activities (6)	VOC	0.22	0.05

(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 - particulate matter emissions, as defined in Title 30 Texas Administrative Code (TAC) § 101.1, including PM₁₀ and PM_{2.5}

PM₁₀ - particulate matter emissions equal to or less than 10 microns in diameter, including PM_{2.5}

PM_{2.5} - direct particulate matter emissions equal to or less than 2.5 microns in diameter

NO_x - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in Title 30 TAC § 101.1.

SO₂ - sulfur dioxide

(4) Planned maintenance, startup, and shutdown (MSS) emissions are included.

(5) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.

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- (6) Fugitive emission rate is an estimate and is enforceable through compliance with the applicable special conditions and permit application representations.

Date: October 31, 2014