

Emission Sources - Maximum Allowable Emission Rates

Permit Number 21741

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
F-1	Railcar Receiving	PM	1.70	--
		PM ₁₀	0.25	--
F-2	Truck Receiving	PM	1.70	--
		PM ₁₀	0.25	--
	Total Receiving Operations	PM	--	1.17
		PM ₁₀	--	0.20
3	Hammermill No. 1 Baghouse	PM	0.24	--
		PM ₁₀	0.24	--
4	Hammermill No. 2 Baghouse	PM	0.24	--
		PM ₁₀	0.24	--
	Total Hammermilling Operations	PM	--	0.95
		PM ₁₀	--	0.95
5	Boiler	PM	0.09	0.39
		PM ₁₀	0.09	0.39
		SO ₂	0.01	0.04
		NO _x	1.15	5.04
		CO	0.97	4.25
		VOC	0.06	0.26
6	Extruder No. 1	PM	0.77	--
		PM ₁₀	0.77	--

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7	Extruder No. 2	PM	0.77	--
		PM ₁₀	0.77	--
8	Extruder No. 3	PM	0.77	--
		PM ₁₀	0.77	--
	Total Extruder Operations	PM	--	15.21
		PM ₁₀	--	15.21
9	Dryer No. 1	PM	4.40	--
		PM ₁₀	2.24	--
		SO ₂	0.01	--
		NO _x	1.05	--
		CO	0.88	--
		VOC	0.06	--
10	Dryer No. 2	PM	4.40	--
		PM ₁₀	2.24	--
		SO ₂	0.01	--
		NO _x	1.05	--
		CO	0.88	--
		VOC	0.06	--
11	Dryer No. 3	PM	4.40	--
		PM ₁₀	2.24	--
		SO ₂	0.01	--
		NO _x	1.05	--
		CO	0.88	--
		VOC	0.06	--
	Total Dryer Operations	PM	--	29.49

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		PM ₁₀	--	15.27
		SO ₂	--	0.13
		NO _x	--	13.80
		CO	--	11.56
		VOC	--	0.79
12	Propane Vaporizer	PM	0.01	<0.01
		PM ₁₀	0.01	<0.01
		SO ₂	<0.01	<0.01
		NO _x	0.31	0.15
		CO	0.04	0.02
		VOC	0.01	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 - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

* Refer to Special Condition No. 2 for throughput limitations and basis of emission rates.

Date: February 27, 2013