

Emission Sources - Maximum Allowable Emission Rates

Permit Number 5803

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
1a	Truck Receiving Pit	PM	3.40	--
		PM ₁₀	0.50	--
7a	Truck Receiving Pit	PM	3.40	--
		PM ₁₀	0.50	--
8a	Truck Receiving Pit	PM	3.40	--
		PM ₁₀	0.50	--
12a	Truck Receiving Pit	PM	2.13	--
		PM ₁₀	0.31	--
	Total Receiving Operations	PM	--	2.15
		PM ₁₀	--	0.32
2a	Elevator B Leg Cyclone No. 1	PM	1.99	1.39
		PM ₁₀	1.99	1.39
2b	Elevator B Leg Cyclone No. 2	PM	1.93	1.35
		PM ₁₀	1.93	1.35
9a	Elevator C Cyclone No. 1	PM	1.60	1.12
		PM ₁₀	1.60	1.12
9b	Elevator C Cyclone No. 2	PM	1.60	1.12
		PM ₁₀	1.60	1.12
13	Elevator D Leg Cyclone	PM	1.63	1.14
		PM ₁₀	1.63	1.14
3a	Dryer No. 1	PM	19.89	2.28
		PM ₁₀	5.04	0.61
		SO ₂	0.01	0.01

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		NO _x	1.20	0.84
		CO	1.01	0.71
		VOC	0.07	0.05
3b	Dryer No. 2	PM	19.89	2.28
		PM ₁₀	5.04	0.61
		SO ₂	0.01	0.01
		NO _x	1.20	0.84
		CO	1.01	0.71
		VOC	0.07	0.05
1b	Truck Loadout	PM	17.20	--
		PM ₁₀	5.80	--
7b	Truck Loadout	PM	17.20	--
		PM ₁₀	5.80	--
8b	Truck Loadout	PM	17.20	--
		PM ₁₀	5.80	--
12b	Truck Loadout	PM	10.75	--
		PM ₁₀	3.63	--
1c	Railcar Loadout	PM	2.70	--
		PM ₁₀	0.22	--
7c	Railcar Loadout	PM	2.70	--
		PM ₁₀	0.22	--
	Total Loadout Operations	PM	--	10.86
		PM ₁₀	--	3.66

- (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
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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

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. 4 for throughput limitations and basis of emission rates.

Date: January 31, 2013