

Emission Sources - Maximum Allowable Emission Rates

Permit Number 48927

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 (6)	
			lbs/hour	TPY (4)
1A, 1B, 1C, and 11	Stockpiles (5)	PM (Inactive)	--	0.09
		PM ₁₀ (Inactive)	--	0.04
		PM _{2.5} (Inactive)	--	0.01
		PM (Active)	--	1.84
		PM ₁₀ (Active)	--	0.92
		PM _{2.5} (Active)	--	0.14
2	Drop Point (Surge Pile/Loader To Feed Hopper) (5)	PM	0.01	0.03
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
3	Drop Point (Feed Hopper To Conveyor) (5)	PM	0.01	0.03
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
4	Drop Point (conveyor To Dryer) (5)	PM	0.01	0.03
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
5	Rotary Dryer Stack	VOC	0.15	0.55
		NO _x	1.95	7.15
		SO ₂	0.03	0.10
		PM	2.06	7.62
		PM ₁₀	2.06	7.62

Emission Sources - Maximum Allowable Emission Rates

		PM _{2.5}	2.06	7.62
		CO	1.13	4.13
6	Drop Point (Dryer To Elevator (5))	PM	0.02	0.06
		PM ₁₀	0.01	0.02
		PM _{2.5}	<0.01	<0.01
7	Drop Point (Elevator To Screen Decks) (5)	PM	0.02	0.06
		PM ₁₀	0.01	0.02
		PM _{2.5}	<0.01	<0.01
8, 9, and 10	Screen Decks (5)	PM	2.25	8.34
		PM ₁₀	0.54	2.00
		PM _{2.5}	0.08	0.30
12	Sacking Hopper (5)	PM	0.02	0.07
		PM ₁₀	0.01	0.03
		PM _{2.5}	<0.01	<0.01
13, 14, and 15	Drop Point (Hopper To Dust Treatment Conveyor) (5)	PM	0.13	0.46
		PM ₁₀	0.05	0.17
		PM _{2.5}	0.01	0.03
16 and 16A	Drop Point (Dust Treatment Conveyor To Sacking Hopper/ Transfer Elevator) (5)	PM	0.03	0.09
		PM ₁₀	0.01	0.03
		PM _{2.5}	<0.01	0.01
17	Drop Point (Transfer Elevator To Enclosed Hopper) (5)	PM	0.01	0.08
		PM ₁₀	0.01	0.03
		PM _{2.5}	<0.01	0.01
18	Truck Loading (5)	PM	0.02	0.08
		PM ₁₀	0.01	0.03
		PM _{2.5}	<0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

- (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)

VOC	- volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO _x	- total oxides of nitrogen
SO ₂	- sulfur dioxide
PM	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
PM ₁₀	- total particulate matter equal to or less than 10 microns in diameter, including PM _{2.5} , as represented
PM _{2.5}	- particulate matter equal to or less than 2.5 microns in diameter
CO	- carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: _____