

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48196

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. 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 *	
			lb/hr	TPY**
BH-D1	Rotary Dryer (Plant 1)	PM ₁₀	1.65	7.2
		CO	0.88	3.83
		NO _x 3.50	15.33	
		VOC 0.21	0.94	
		SO ₂ 2.51	10.97	
BH-S1	Scavenger Baghouse (Plant 1)	PM ₁₀	1.65	7.2
BH-D2	Rotary Dryer (Plant 4)	PM ₁₀	2.33	10.20
		CO	1.54	6.75
		NO _x 6.16	26.98	
		VOC 0.38	1.64	
		SO ₂ 4.40	19.25	
BH-S2	Scavenger Baghouse (Plant 4)	PM ₁₀	1.65	7.2
BH-4	Scavenger Baghouse Loadout	PM ₁₀	0.46	2.0
BH-RM	Mill Flash Dryer (Plant 3)	PM ₁₀	1.03	4.5
		CO	0.32	1.38
		NO _x 1.26	5.52	
		VOC 0.08	0.34	
		SO ₂ 0.90	3.94	
BV-1	Binvent (Storage Silo)	PM ₁₀	0.08	0.3
BV-2	Binvent (Storage and Loadout Silo)	PM ₁₀	0.08	0.3

BV-4	Binvent (Storage and Loadout Silo)	PM ₁₀	0.08	0.3
BV-6	Binvent (Storage and Loadout Silo)	PM ₁₀	0.05	0.2
BV-6a	Binvent (Bagging, Storage, and Loadout Silo)	PM ₁₀	0.15	0.7
BV-8	Binvent (Bagging, Storage, and Loadout Silo)	PM ₁₀	0.23	1.0
BV-12	Binvent (Storage and Loadout Silo)	PM ₁₀	0.23	1.0
BV-13	Binvent (Storage and Loadout Silo)	PM ₁₀	0.23	1.0
BV-14	Binvent (Storage and Loadout Silo)	PM ₁₀	0.31	1.4
BV-15	Binvent (Storage and Loadout Silo)	PM ₁₀	0.31	1.4
BV-16	Binvent (Storage and Loadout Silo)	PM ₁₀	0.39	1.7
BV-17	Binvent (Storage and Loadout Silo)	PM ₁₀	0.39	1.7
17	Crusher (4) (Primary)	PM PM ₁₀	0.15 0.07	0.64 0.30
18	Crusher (4) (backup)	PM PM ₁₀	0.07 0.03	0.32 0.15

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an 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
 SO₂ - sulfur dioxide
 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 PM greater than 10 microns is emitted.
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Primary Crusher: 600 tons per hour

Backup Crusher: 300 tons per hour

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated June 4, 2004