

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 23057

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
1	Mat Line 1 RTO Stack (4)	PM/PM ₁₀	0.62	2.6
		VOC	0.26	1.1
		SO ₂	<0.01	<0.1
		CO	0.08	0.4
		NO _x	3.00	13.1
		NH ₃	0.11	0.5
2	Baghouse 1 Stack (4)	PM/PM ₁₀	0.18	0.8
		VOC	0.19	0.8
3	Baghouse 2 Stack (4)	PM/PM ₁₀	0.18	0.8
		VOC	0.19	0.8
4	Baghouse 3 Stack (4)	PM/PM ₁₀	0.15	0.8
		VOC	0.72	3.2
5	Baghouse 4 Stack (4)	PM/PM ₁₀	1.21	5.3
6	Baghouse 5 Stack (4)	PM/PM ₁₀	1.21	5.3
7	Mat Line 2 Drying Oven Stack (5)	PM/PM ₁₀	0.05	0.2
		VOC	0.04	0.1
		NO _x	0.60	2.1
		CO	0.67	2.3
		SO ₂	<0.01	<0.1
8	Mat Line 2 RTO/SCR Stack (5)	PM/PM ₁₀	0.08	0.3
		VOC	2.32	8.0
		SO ₂	<0.01	<0.1
		CO	2.04	7.0
		NO _x	6.47	22.3
		NH ₃	0.97	3.4

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
9	Cooling Section Stack 1 (5)	PM/PM ₁₀	0.05	0.2
		VOC 0.49	1.7	
		NH ₃ 0.65	2.2	
10	Cooling Section Stack 2 (5)	PM/PM ₁₀	0.05	0.2
		VOC 0.49	1.7	
		NH ₃ 0.65	2.2	

- (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.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
SO₂ - sulfur dioxide
CO - carbon monoxide
NO_x - nitrogen oxides
NH₃ - ammonia

- (4) Emission rates are based on and the facilities are limited by the following maximum operating schedule:

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

- (5) Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 6,885

Dated May 21, 2004