

## 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)	<u>Emission Rates</u>	
			lb/hr	TPY
1	Mat Line 1 RTO Stack (Curing Oven, Edge Coat Oven, and Cooling Section)	PM/PM <sub>10</sub>	0.62	2.60
		VOC	0.26	1.14
		SO <sub>2</sub>	<0.01	0.04
		CO	0.08	0.35
		NO <sub>x</sub>	3.00	13.14
		NH <sub>3</sub>	0.11	0.48
		C <sub>6</sub> H <sub>5</sub> OH (4)	0.48	1.68
		CH <sub>2</sub> O (4)	0.30	1.05
2	Baghouse 1 Stack	PM/PM <sub>10</sub>	0.18	0.79
		VOC	0.19	0.83
3	Baghouse 2 Stack	PM/PM <sub>10</sub>	0.18	0.79
		VOC	0.19	0.83
4	Baghouse 3 Stack	PM/PM <sub>10</sub>	0.15	0.66
		VOC	0.72	3.15
5	Baghouse 4 Stack	PM/PM <sub>10</sub>	1.21	5.30
6	Baghouse 5 Stack	PM/PM <sub>10</sub>	1.21	5.30
8	Mat Line 2 RTO/SCR Stack (Curing Oven and Cooling Section)	PM/PM <sub>10</sub>	1.00	2.90
		VOC	1.60	6.22
		SO <sub>2</sub>	<0.01	0.03
		CO	2.04	8.94
		NO <sub>x</sub>	3.00	11.40
		NH <sub>3</sub>	1.80	6.30
		C <sub>6</sub> H <sub>5</sub> OH (4)	0.60	2.10
		CH <sub>2</sub> O (4)	0.38	1.31

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21	Baghouse 21 Stack	PM/PM <sub>10</sub>	0.32	1.12
22	Baghouse 22 Stack	PM/PM <sub>10</sub>	0.49	1.71
23	Baghouse 23 Stack	PM/PM <sub>10</sub>	0.40	1.39
1-8	Facility-Wide	HAPs**	-	2.10
21-23			-	6.14

- (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 PM<sub>10</sub>  
PM<sub>10</sub> - 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.  
SO<sub>2</sub> - sulfur dioxide  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NH<sub>3</sub> - ammonia  
C<sub>6</sub>H<sub>5</sub>OH - phenol  
CH<sub>2</sub>O - formaldehyde  
HAPs - hazardous air pollutants
- (4) Pollutant is considered to be a HAP.

\* Refer to special conditions for throughput limitations and basis of emission rates.

\*\* This facility emits less than 10 tons per year of any single HAP and less than 25 tons per year of an combination of HAPs.

Dated November 19, 2008