

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1104

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
F-001	Truck Dump Area (4)	TSP	0.30	0.45
		PM10	0.15	0.23
F-002	Bulk Storage Area Cyclones - 3 (4)	TSP	0.24	0.51
		PM10	0.13	0.26
B-003	Refiner/Flaker Baghouse	TSP	0.06	0.25
		PM10	0.06	0.25
C-004	Face Dryer Inlet Multiclones	TSP	2.90	8.16
		PM10	2.90	8.16
C-005	Core Dryer Outlet Multiclones	PM10	4.40	13.34
		VOC	16.56	50.14
		NOx	3.03	11.73
		SO2	1.14	0.60
		CO	12.15	36.80
		HCHO	0.21	0.64
C-006	Face Dryer Outlet Multiclones	PM10	2.03	5.71
		VOC	17.85	50.22
		NOx	2.83	13.31
		SO2	0.15	0.61
		CO	5.52	15.53
		HCHO	0.51	1.45
B-007	Thermal Oil Heater Fuel Silo Baghouse	TSP	0.80	3.40
		PM10	0.80	3.40
B-009	Sawline Baghouse	TSP	0.16	0.66
		PM10	0.16	0.66
B-010	Material Reject	TSP	0.13	0.54

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			lb/hr	TPY
	Baghouse	PM10	0.13	0.54
B-011	Sawtrim Baghouse	TSP	1.41	5.90
		PM10	1.41	5.90
B-012	South Sander Baghouse	TSP	0.80	3.40
		PM10	0.80	3.40
B-013	North Sander Baghouse	TSP	0.80	3.40
		PM10	0.80	3.40
V-015	Press Vent No. 1	TSP	1.58	3.80
		PM10	0.79	1.90
		VOC	1.43	3.45
		HCHO	0.25	0.60
V-016	Press Vent No. 2	TSP	3.47	8.35
		PM10	1.75	4.20
		VOC	9.36	22.50
		HCHO	0.20	0.49
V-017	Press Vent No. 3	TSP	1.58	3.80
		PM10	0.79	1.90
		VOC	1.43	3.45
		HCHO	0.25	0.60
V-018	Cooling Wheel Vent	TSP	1.50	3.60
		PM10	0.75	1.80
		VOC	1.16	2.80
		HCHO	0.24	0.58
F-019	Press Building (4)	TSP	0.17	0.40
		PM10	0.08	0.20
		UF Resin	2.82	0.13
		Paraffin	0.24	0.02
		Urea	6.00	0.10
B-023	Sawdust Silo Baghouse	TSP	0.16	0.66
		PM10	0.16	0.66

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			lb/hr	TPY
B-024	Thermal Oil Heater Fuel Bin Baghouse	TSP	0.96	4.00
		PM10	0.96	4.00
B-025	Forming Line Baghouse	TSP	0.13	0.54
		PM10	0.13	0.54
V-026	Core Dryer - Thermal Oil Heater Abort Vent	VOC	1.41	0.30
		NOx	2.83	0.59
		SO2	0.15	0.03
		CO	4.04	0.85
		TSP	5.36	1.13
		PM10	2.04	0.43
V-027	Face Dryer - Thermal Oil Heater Abort Vent	VOC	1.41	0.30
		NOx	2.83	0.59
		SO2	0.15	0.03
		CO	4.04	0.85
		TSP	5.36	1.13
		PM10	2.04	0.43
T-031	Diesel Tank	VOC	0.07	<.01
F-032	Roadway Fugitives (4)	TSP	-	6.09
		PM10	-	2.71
F-033	Truck Loadout (4)	TSP	3.75	3.65
		PM10	1.88	1.83

- (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) PM10 - particulate matter <10 microns nominal diameter  
TSP - total suspended particulate matter, including PM10  
VOC - volatile organic compounds as defined in General Rule 101.1  
NOx - total oxides of nitrogen  
SO2 - sulfur dioxide  
CO - carbon monoxide

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			lb/hr	TPY

	HCHO	- formaldehyde		
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	UF	- urea/formaldehyde		
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(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day\_\_\_\_Days/week\_\_\_\_Weeks/year\_\_\_\_or Hrs/year 8,400

100 million square feet (MMSF) per year and 10 MMSF per month of 3/4 inch thickness of particleboard, as finished product.

Dated \_\_\_\_\_