

## 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)	Emission Rates	
			lb/hr	TPY
F-001	Truck Dump Area (4)	TSP	0.10	0.43
		PM <sub>10</sub>	0.03	0.15
F-002	5 - Bulk Storage Area Cyclones (4)	PM	0.26	1.14
		PM <sub>10</sub>	0.12	0.54
B-003	Refiner/Flaker Baghouse	PM	0.43	1.88
		PM <sub>10</sub>	0.43	1.88
B-004	Face Dryer Inlet Baghouse	PM	1.04	4.54
		PM <sub>10</sub>	1.04	4.54
C-005	Core Dryer Outlet Multiclone	PM	31.57	75.24
		PM <sub>10</sub>	31.57	75.24
		VOC	22.88	52.37
		NO <sub>x</sub>	13.56	52.10
		SO <sub>2</sub>	0.05	0.15
		CO	30.47	126.36
		HCHO	1.60	3.34
C-006	Face Dryer Outlet Multiclone	PM	15.17	47.21
		PM <sub>10</sub>	15.17	47.21
		VOC	24.48	78.31
		NO <sub>x</sub>	8.57	30.32
		SO <sub>2</sub>	0.05	0.15
		CO	14.56	56.67
		HCHO	0.86	2.74
B-007	Thermal Oil Heater Fuel Silo Baghouse	PM	0.04	0.19
		PM <sub>10</sub>	0.04	0.19

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CONTAMINANTS DATA			AIR	
Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
B-009	Sawline Baghouse	PM	0.16	0.66
		PM <sub>10</sub>	0.16	0.66
B-009N	New Sawline Baghouse	PM	1.54	6.74
		PM <sub>10</sub>	1.54	6.74
B-010	Material Reject Baghouse	PM		0.13
	0.54	PM <sub>10</sub>	0.13	0.54
B-011	Sawtrim Baghouse	PM	1.41	5.90
		PM <sub>10</sub>	1.41	5.90
B-012	South Sander Baghouse	PM	0.80	3.40
		PM <sub>10</sub>	0.80	3.40
B-013	North Sander Baghouse	PM	0.80	3.40
		PM <sub>10</sub>	0.80	3.40
B-012N	New South Sander Baghouse	PM		1.66
	7.29	PM <sub>10</sub>	1.66	7.29
B-013N	New North Sander Baghouse	PM		1.66
	7.29	PM <sub>10</sub>	1.66	7.29
B-024	Thermal Oil Heater	PM	0.41	1.82
	Fuel Bin Baghouse	PM <sub>10</sub>	0.41	1.82
B-025	Forming Line Baghouse	PM	1.18	5.16
		PM <sub>10</sub>	1.18	5.16
V-026 and V-027	Thermal Oil Heater Abort	VOC		0.39
	0.81			
	Vents	NO <sub>x</sub>	25.05	51.21
		SO <sub>2</sub>	0.13	0.27

CO	24.29	49.64
PM	23.85	48.75
PM <sub>10</sub>	23.85	48.75

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
B-034	Press Ventilation System	VOC		47.93
	177.50			
	Baghouse	PM	5.14	22.51
		PM <sub>10</sub>	5.14	22.51
		HCHO	6.83	25.30
T-031	Diesel Tank	VOC	0.07	<.01

- (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 General Rule 101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - 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.
  - CO - carbon monoxide
  - HCHO - formaldehyde
- (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:

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