

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19695/PSD-TX-882

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
RT01	Dryer RT0 No. 1	PM <sub>10</sub> **	13.54	59.29
		VOC	14.77	64.68
		NO <sub>x</sub>	30.19	132.24
		SO <sub>2</sub>	1.36	5.94
		CO	275.66	1207.39
		HCHO	1.48	6.47
RT02	Dryer RT0 No. 2	PM <sub>10</sub> **	13.54	59.29
		VOC	14.77	64.68
		NO <sub>x</sub>	30.19	132.24
		SO <sub>2</sub>	1.36	5.94
		CO	275.66	1207.39
		HCHO	1.48	6.47
RT03	Press RT0	PM <sub>10</sub>	9.58	41.97
		VOC	5.23	22.89
		NO <sub>x</sub>	13.00	56.94
		SO <sub>2</sub>	0.02	0.10
		CO	36.59	160.26
		HCHO	1.57	6.87
		MDI	0.10	0.44
11	Saw Line Abort Collector	C <sub>6</sub> H <sub>5</sub> OH	0.33	1.43
11	Saw Line Abort Collector	PM <sub>10</sub> **	1.25	5.46
		VOC	1.82	7.97
12	Fuel Metering Bin Baghouse	PM <sub>10</sub> **	0.40	1.75
		VOC	3.45	15.11

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
13	Aspiration System Baghouse 0.82	PM <sub>10</sub> **		0.19
		VOC	5.32	23.30
		HCHO	0.08	0.35
		MDI	<0.01	0.01
		C <sub>6</sub> H <sub>5</sub> OH	<0.01	0.02
14	Raw Fuel Bin Baghouse	PM <sub>10</sub> **	0.62	2.70
		VOC	4.74	20.76
15	Sanderdust Receiving Bin Baghouse	PM <sub>10</sub> **	0.03	0.13
		VOC	0.02	0.08
16	Material Reject Abort	PM <sub>10</sub> **	1.23	5.37
		VOC	4.00	17.52
		HCHO	0.04	0.18
		MDI	<0.01	<0.01
		C <sub>6</sub> H <sub>5</sub> OH	<0.01	<0.01
17	Materials Handling System 5.65	PM**		1.29
		PM <sub>10</sub>	0.45	1.98
18	MDI Main Tanks	MDI	<0.01	<0.01
20	MDI Work Tank	MDI	<0.01	<0.01
22	Roadways	PM		12.87
		PM <sub>10</sub>		6.43
23	PF Main Tanks	HCHO	0.03	<0.01
24	PF Work Tank	HCHO	<0.01	<0.01
26	Sanderdust Abort Collector 5.82	PM <sub>10</sub> **		1.33
		VOC	0.85	3.72

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
29	Gasoline Tank	VOC	1.07	1.75
		C <sub>6</sub> H <sub>6</sub>	0.05	0.09
30A	Diesel Tank 1	VOC	0.44	0.01
30B	Diesel Tank 2	VOC	0.44	0.01
TOH-1	Thermal Oil Heater	PM <sub>10</sub>	0.21	0.92
		VOC	0.09	0.41
		NO <sub>x</sub>	4.76	20.85
		SO <sub>2</sub>	0.02	0.09
		CO	1.19	5.21
GEN-1	Emergency Generator	PM <sub>10</sub>	2.16	0.16
		VOC	2.42	0.18
		NO <sub>x</sub>	30.38	2.28
		SO <sub>2</sub>	3.12	0.23
		CO	6.55	0.49
FWP-1	Fire Water Pump	PM <sub>10</sub>	0.63	0.03
		VOC	0.71	0.04
		NO <sub>x</sub>	8.93	0.45
		SO <sub>2</sub>	0.92	0.05
		CO	1.92	0.10

(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

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is emitted. be assumed that no particulate matter greater than 10 microns

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
CO	-	carbon monoxide
HCHO	-	formaldehyde
MDI	-	methylene diisocyanate
C <sub>6</sub> H <sub>5</sub> OH	-	phenol
C <sub>6</sub> H <sub>6</sub>	-	benzene

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

\_\_\_\_\_Hrs/day \_\_\_\_\_Days/week \_\_\_\_\_Weeks/year or 8,760 Hrs/year

\*\* Also counted as wood dust.

Compliance with these permitted emission limits is based on a total maximum press throughput of 1,402,500 ft<sup>2</sup> (3/8-inch) per day of waferboard; and a total maximum annual plant throughput of 511,912,500 ft<sup>2</sup> of (3/8-inch) board processed, on a finished product basis as calculated in Special Condition No. 28.

Dated\_\_\_\_\_