

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 19695 and 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	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
RT01	Dryer RT0 No. 1	PM ₁₀ **	13.54	59.29
		VOC	14.77	64.68
		NO _x	30.19	132.24
		SO ₂	1.36	5.94
		CO	275.66	1207.39
		HCHO	1.48	6.47
RT02	Dryer RT0 No. 2	PM ₁₀ **	13.54	59.29
		VOC	14.77	64.68
		NO _x	30.19	132.24
		SO ₂	1.36	5.94
		CO	275.66	1207.39
		HCHO	1.48	6.47
RT03	Press RT0	PM ₁₀	9.58	41.97
		VOC	5.23	22.89
		NO _x	12.02	52.66
		SO ₂	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 ₆ H ₅ OH	0.33	1.43
12	Fuel Metering Bin Baghouse	PM ₁₀ **	1.25	5.46
		VOC	1.82	7.97
		PM ₁₀ **	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 ₁₀ **		0.19
		VOC	5.32	23.30
		HCHO	0.08	0.35
		MDI	<0.01	0.01
		C ₆ H ₅ OH	<0.01	0.02
14	Raw Fuel Bin Baghouse	PM ₁₀ **	0.62	2.70
		VOC	4.74	20.76
15	Sanderdust Receiving Bin Baghouse	PM ₁₀ **	0.03	0.13
		VOC	0.02	0.08
16	Material Reject Abort	PM ₁₀ **	1.23	5.37
		VOC	1.49	6.53
		HCHO	0.04	0.18
		MDI	<0.01	<0.01
		C ₆ H ₅ OH	<0.01	<0.01
17	Materials Handling System 5.65	PM**		1.29
		PM ₁₀	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 ₁₀		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 ₁₀ **		1.33

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
		VOC	0.85	3.72
29	Gasoline Tank	VOC	1.07	1.75
		C ₆ H ₆	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 ₁₀	0.21	0.92
		VOC	0.09	0.41
		NO _x	4.76	20.85
		SO ₂	0.02	0.09
		CO	1.19	5.21
GEN-1	Emergency Generator	PM ₁₀	2.16	0.16
		VOC	2.42	0.18
		NO _x	30.38	2.28
		SO ₂	3.12	0.23
		CO	6.55	0.49
FWP-1	Fire Water Pump	PM ₁₀	0.63	0.03
		VOC	0.71	0.04
		NO _x	8.93	0.45
		SO ₂	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 PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it

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

VOC	- volatile organic compounds as defined in General Rule 101.1
NO _x	- total oxides of nitrogen
SO ₂	- sulfur dioxide
CO	- carbon monoxide
HCHO	- formaldehyde
MDI	- methylene diisocyanate
C ₆ H ₅ OH	- phenol
C ₆ H ₆	- benzene

(4) Fugitive emissions are an estimate only.

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

** Also counted as wood dust.

_____Hrs/day _____Days/week _____Weeks/year or 8,760 Hrs/year

Compliance with these permitted emission limits is based on a total maximum press throughput of 1,402,500 ft² (3/8-inch) per day of waferboard; and a total maximum annual plant throughput of 511,912,500 ft² of (3/8-inch) board processed, on a finished product basis as calculated in Special Condition No. 28.

Dated_____