

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22377/PSD-TX-832

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
RTO1**	Dryer Regenerative Thermal Oxidizer 1		TSP (a)		10.82	27.62
			PM10 (a)		10.82	27.62
			VOC (a)		24.89	63.52
			NOx		40.18	172.35
			SO2		0.88	3.66
			CO		78.14	114.08
			HCHO		0.23	0.31
RTO2**	Dryer Regenerative Thermal Oxidizer 2		TSP (a)		10.82	27.62
			PM10 (a)		10.82	27.62
			VOC (a)		24.89	63.52
			NOx		40.18	172.35
			SO2		0.88	3.66
			CO		78.14	114.08
			HCHO b)		0.23	0.31
RTO3	Press Regenerative Thermal Oxidizer		TSP (a)		0.52	1.36
			PM10 (a)		0.52	1.36
			VOC (a)		5.53	14.61
			NOx		12.84	56.23
			SO2		0.01	0.03
			CO		20.84	91.27
			HCHO (b)		0.48	1.46
			MDI (b)		0.01	0.03
B-1	Aspiration System Baghouse		TSP		0.73	3.20
			PM10 (c)		0.73	3.20
B-2	Mat Reject Baghouse		TSP		0.11	0.07
			PM10 (c)		0.11	0.07

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
B-3	Saw Line Baghouse	TSP	1.46	4.66
		PM10(c)	1.46	4.66
B-4	Raw Fuel Bin Baghouse	TSP	2.31	10.12
		PM10 (c)	2.31	10.12
B-5	Finish Fuel Bin Baghouse	TSP	1.51	6.61
		PM10 (c)	1.51	6.61
B-6	Sanderdust Cyclone	TSP (c)	0.71	2.28
		PM10 (c)	0.71	2.28
B-7	Sanderdust Baghouse	TSP	0.71	2.28
		PM10 (c)	0.71	2.28
C-1	Edge Seal (4)	VOC	2.33	8.02
C-2	Stencil Paint (4)	VOC	0.96	0.70
R-1	PF Tank 1 (4)	HCHO (b)	0.02	<.01
R-2	PF Tank 2 (4)	HCHO (b)	0.02	<.01
R-3	PF Work Tank (4)	HCHO (b)	0.01	0.01
R-4	MDI Tank 1 (4)	MDI (b)	<.01	<.01
R-5	MDI Tank 2 (4)	MDI (b)	<.01	<.01
R-6	MDI Work Tank (4)	MDI (b)	<.01	<.01
T-1	Gasoline Tank 1	VOC (b)	0.03	0.13
		C6H6 (b)	<.01	0.01
T-2	Gasoline Tank 2	VOC (b)	0.03	0.13
		C6H6 (b)	<.01	0.01

T-3	Diesel Tank 1 (4)	VOC	<.01	<.01
T-4	Diesel Tank 2 (4)	VOC	<.01	<.01
F-1	Log Processing (4)	TSP (c)	0.02	0.08
		PM10 (c)	0.01	0.04
F-2	Roadways (4)	TSP	3.33	14.56
		PM10	1.67	7.29

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) TSP - total suspended particulate including PM10
PM10 - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
NOX - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
HCHO - formaldehyde
MDI - methylene-diphenyl-diisocyanate
C6H5OH - phenol
C6H6 - benzene
- (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:

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

A total maximum dryer throughput of 75 tons per hour and 382,836 tons per year of dried wafers for all five dryers; a total maximum press throughput of 64,000 ft² (3/8") per hour of waferboard; and a total maximum annual plant throughput of 410,000,000 square feet of 3/8 inches board processed.

- ** The emission rates shown on the emission rates table for RTO1 and RTO2 are the maximum emissions from either of the RTOs but the combined emission rates for both RTO1 and RTO2 must not exceed the following:

Pollutants	lb/hr		tpy
TSP	16.65		42.50
PM10	16.65		42.50
VOC	38.29		97.72
NOx	67.74	291.10	
SO2	1.36		5.64
CO	156.28	228.16	
HCHO	0.35		0.47

- A portion of the dryer and press exhaust qualifies as TSP, PM10, and VOC and is included in those totals.
- HCHO, phenol, MDI, and C6H6 emissions are included in the total VOC emissions.
- Considered as wood dust.

Dated _____