

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17101

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		TSP		11.95	20.76
			PM10		11.95	20.76
			VOC (a)		27.15	47.15
			NOx		41.96	155.73
			SO2		0.93	3.12
			CO		78.14	114.08
			HCHO		0.23	0.20
PRESS	Press Stack		TSP		42.86	98.66
			PM10		42.86	98.66
			Wood Dust (b)		4.29	9.87
			VOC (a)		78.75	145.79
			CO		8.92	39.12
			HCHO		2.58	4.87
			MDI**		0.04	0.10
CP301A	Finish Fuel Bin Baghouse		C6H5OH		1.58	3.83
			TSP		0.31	1.36
			PM10		0.31	1.36
CP402	Reject Wafer Baghouse		Wood Dust (b)		0.31	1.36
			TSP		0.11	0.16
			PM10		0.11	0.16
CP403	Aspiration System Baghouse		Wood Dust (b)		0.11	0.16
			TSP		0.25	1.10
			PM10		0.25	1.10
CP501	Saw Line Baghouse		Wood Dust (b)		0.25	1.10
			TSP		0.05	0.13
			PM10		0.05	0.13

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

		Wood Dust (b)	0.05	0.13
CP502	Raw Fuel Bin Baghouse	TSP	0.32	1.40
		PM10	0.32	1.40
		Wood Dust (b)	0.32	1.40

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY
CP504	Sander Baghouse	TSP	1.14	4.99
		PM10	1.14	4.99
		Wood Dust (b)	1.14	4.99
FU40	Press Fugitives (4)	TSP	2.26	5.19
		PM10	2.26	5.19
		Wood Dust (b)	0.23	0.52
		VOC (a)	4.14	7.67
		HCHO	0.14	0.26
		MDI**	<.01	0.01
		C6H5OH	0.08	0.20
CUTOUT	Cutout Saw (4)	TSP	0.40	0.70
		PM10	0.14	0.25
		Wood Dust (b)	0.14	0.25
BARKPILE	Bark Storage Pile (4)	TSP	0.02	0.08
		PM10	0.01	0.04
		Wood Dust (b)	0.01	0.04
FU30	Roadway Fugitives (4)	TSP		1.43
		PM10		0.72
P1	Painting (4)	VOC	2.16	2.91
GAS1	Gasoline Tank 1	VOC	0.03	0.13
		C6H6	<.01	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

GAS2	Gasoline Tank 2	VOC	0.03	0.13
		C6H6	<.01	0.01
DIESEL1	Diesel Tank 1	VOC	0.30	<.01
DIESEL2	Diesel Tank 2	VOC	0.30	<.01
MDI1	MDI Tank 1 (4)	MDI**	<.01	<.01
MDI2	MDI Tank 2 (4)	MDI**	<.01	<.01
MDI3	MDI Work Tank (4)	MDI**	<.01	<.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) 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

Total maximum dryer throughput of 45 tons per hour and 156,375 tons per year of dried wafers for all three dryers; a total maximum press throughput of 32,000 ft² (3/8 feet) per hour of waferboard; and a total maximum annual plant throughput of 155,000,000 square feet of 3/8 inches board processed.

** MDI not currently in use but may be used in the future. Emission rates are an estimate for the

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

anticipated future MDI usage.

- (a) The VOC includes turpene, pinene, limonene, camphene, bicyclo, HCHO, MDI, and phenol.
- (b) Wood dust is also part of PM10.

Dated _____