

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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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		
PV1	Press Vent			MDI	0.007	0.027
				Phenol	0.27	1.07
				HCHO	0.075	0.39
PV2	Press Vent			MDI	0.007	0.027
				Phenol	0.27	1.07
				HCHO	0.075	0.39
PV3	Press Vent			MDI	0.007	0.027
				Phenol	0.27	1.07
				HCHO	0.075	0.39
FUG	Press Fugitives(4)			MDI	0.001	0.005
				Phenol	0.1	0.40
				HCHO	0.028	0.11
RV	Roof Vent			MDI	0.0025	0.01
				Phenol	0.1	0.40
				HCHO	0.028	0.15
CP301	Fuel Meter			PM10	0.11	0.47
CP401	Reject Cyclone			PM10	1.75	7.34
				MDI	0.02	0.09
				PF	0.02	0.09
CP402	Saw Trim			PM10	0.44	1.84
				MDI	0.006	0.02
				PF	0.006	0.02

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CP403	Aspiration	PM10	0.26	1.08
		MDI	0.003	0.01
		PF	0.003	0.01
CP501	Saw Line	PM10	0.03	0.13
CP502	Fuel Bin	PM10	0.12	0.50
CP503	Upper Sander	PM10	0.11	0.45
CP504	Lower Sander	PM10	0.11	0.45
CP505	Edge Seal	VOC	0.35	0.503
CP506	Siding Coating	VOC	3.2	9.68
CP507	Siding Coating Combustion	VOC	<.01	0.014
		PM	0.012	0.051
		PM10	0.012	0.051
		NOX	0.243	1.021
		CO	0.049	0.204
		SO2	<.01	<.01
T-01	Diesel Tank	VOC	0.14	<.01
T-02	Gasoline Tank	VOC	25.66	0.06
T-04	Waste Oil Tank	VOC	0.72	<0.01
T-05	Hydraulic Oil #150 Tank	VOC	0.72	<.01
T-06	Hydraulic Oil #150 Tank	VOC	0.72	<.01
T-07	Hydraulic Oil #68 Tank	VOC	0.36	<.01
T-08	Motor Oil #30 Tank	VOC	0.18	<.01
T-09	Wax Tank	VOC	0.029	<.01
T-10	Wax Tank	VOC	0.0073	<.01

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T-11	MDI Tank	MDI	<.01	<.01
T-12	MDI Tank	MDI	<.01	<.01
T-13	Edge Seal Tank	VOC	0.14	<.01
CP208	Dryer 1 Stack	VOC	34.67	99.88
		PM	9.25	26.64
		PM10	9.25	26.64
		COC	1.8	5.17
		HCHO	0.35	1.01
		NOX	5.55	15.98
		CO	8.96	25.28
		SO2	0.22	0.77

- (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
 PM - particulate matter including PM10
 PM10 - particulate matter less than 10 microns
 MDI - diphenylmethane diisocyanate
 PF - phenol-formaldehyde resin
 HCHO - formaldehyde
 COC - condensible organic compounds
 NOX - total oxides of nitrogen
 CO - carbon monoxide
 SO2 - sulfur dioxide
- (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 sources are limited by the following maximum operating schedule:

Hrs/day___Days/week___Weeks/year___or Hrs/year 8400

A total maximum annual wafer board production rate of 155,000,000 square feet on 3/8-inch basis; a maximum dryer hourly throughput of 13,500 pounds at 820°F; and a maximum hourly press throughput of 25,331 pounds of 3/8-inch wafer board.