

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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
RTO1	Dryer RTO 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
RTO2	Dryer RTO 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
RTO3	Press RTO	PM ₁₀	9.73	21.51
		VOC	5.49	12.84
		NO _x	16.57	47.23
		SO ₂	0.02	0.10
		CO	47.43	116.09
		HCHO	0.77	1.91
		MDI	0.10	0.44
		C ₆ H ₅ OH	0.36	0.80
11	Saw Line Abort Collector	PM ₁₀ **	1.25	5.46
		VOC	1.82	7.97
12	Fuel Metering Bin Baghouse	PM ₁₀ **	0.40	1.75
		VOC	3.45	15.1114
	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

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			lb/hr	TPY
16	Material Reject Abort	PM ₁₀ **	1.23	5.37
		VOC	4.00	17.52
		HCHO	0.04	0.18
		MDI	<0.01	<0.01
		C ₆ H ₅ OH	<0.01	<0.01
17	Materials Handling System	PM**	1.29	5.65
		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	PM ₁₀ **	1.33	5.82
		VOC	0.85	3.72
29	Diesel Tank	VOC	0.44	0.01
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

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			lb/hr	TPY
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
Coat-1	Edge Seal Paint Booth	VOC	0.25	1.10
Coat-2	T and G Paint Booth	VOC	0.25	1.10
Coat-3	Siding Line Paint Booth	VOC	0.58	2.56
		NO _x	0.56	2.45
		CO	0.51	2.23

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

(2) Specific point source names. 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 shall be assumed that no particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

HCHO - formaldehyde

MDI - methylene diisocyanate

C₆H₅OH - phenol

* 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.

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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 wafer board; and a total maximum annual plant throughput of 365,000,000 ft² of (3/8-inch) board processed on a finished product basis as calculated in Special Condition No. 28.

Dated October 9, 2001