

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 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 and RTO2	Dryer RTO Nos. 1 and 2 (Combined)	PM ₁₀ **	5.30	16.54
		VOC	18.56	57.95
		NO _x	59.58	186.07
		SO ₂	2.72	11.91
		CO	282.47	882.16
		HCHO	2.04	6.37
		MeOH	0.99	3.11
RTO3	Press RTO	PM ₁₀	9.75	30.45
		VOC	9.02	28.17
		NO _x	16.44	51.35
		SO ₂	0.02	0.10
		CO	52.77	164.79
		HCHO	0.90	2.83
		MeOH	1.77	5.54
		MDI	0.04	0.11
		C ₆ H ₅ OH	0.54	1.69
11	Saw Line Baghouse	PM ₁₀ **	1.25	5.46
		VOC	2.80	8.74
12	Fuel Metering Bin Baghouse	PM ₁₀ **	0.40	1.75
		VOC	4.01	12.53
14	Raw Fuel Bin Baghouse	PM ₁₀ **	0.62	2.70
		VOC	6.84	21.38
15	Sanderdust Receiving Bin Baghouse	PM ₁₀ **	0.03	0.13
		VOC	0.03	0.09

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			lb/hr	TPY
16	Material Reject Baghouse	PM ₁₀ **	1.23	5.37
		VOC	5.91	18.47
		HCHO	0.03	0.10
		MDI	<0.01	<0.01
		C ₆ H ₅ OH	0.25	0.79
17	Materials Handling System Fugitives (4)	PM**	0.92	2.02
		PM ₁₀	0.32	0.71
18	MDI Tanks	MDI	<0.01	<0.01
22	Roadways (4)	PM	6.38	13.97
		PM ₁₀	1.25	2.73
23	PF Tanks	HCHO	0.02	<0.01
26	Panel/Vented Soffit Saws Baghouse 8.17	PM ₁₀ **		1.86
		VOC	1.26	3.94
FWP-1	Fire Water Pump	PM ₁₀	0.63	0.03
		VOC	0.71	0.04
		NO _x	8.93	0.45
		SO ₂	0.59	0.03
		CO	1.92	0.10
GEN-1	Emergency Generator	PM ₁₀	0.69	0.05
		VOC	0.69	0.05
		NO _x	23.52	1.76
		SO ₂	7.93	0.60
		CO	5.39	0.40
F-1	Storage Pile Fugitives (4)	PM ₁₀ **	0.15	0.66
		VOC	3.54	15.50
TOH-1	Thermal Oil Heater	PM ₁₀	0.25	1.11
		VOC	0.18	0.80
		NO _x	3.33	14.60
		SO ₂	0.02	0.09
		CO	2.80	12.26

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
COAT-3	Siding Line Paint Booth Fugitives (2 booths) (4)	PM	1.35	4.23
		PM ₁₀	0.16	0.51
		VOC	0.40	
OVEN#	Siding Line Paint Ovens (2 Ovens)	PM	0.15	0.50
		PM ₁₀	0.15	
		VOC	0.83	
		NO _x	1.37	
		SO ₂	<0.01	
		CO	1.15	
COAT-4 and COAT-5#		Panel Siding Paint Booths 1 and 2	PM***	
			1.86	4.63
		PM ₁₀ ***	0.14	2.28
		VOC***	0.92	0.36
COAT-6##	Main Line Paint Booth	PM	1.37	5.90
		PM ₁₀	0.46	
		VOC	4.97	

(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 Title 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

HCHO - formaldehyde

MDI - methylene diisocyanate

C₆H₅OH - phenol

MeOH - methyl alcohol

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			lb/hr	TPY

* 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

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** Also counted as wood dust.

Production is limited to 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. 27.

Previously permitted under Permit by Rule (PBR) Number 54972 on May 28, 2003, now incorporated into the permit.

Previously permitted under PBR Number 71471 on April 28, 2004, now incorporated into the permit.

*** Combined emissions for Coat-4 and Coat-5.

Dated May 2, 2005