

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

19695

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		
1	Dryer 1			PM	15.17	49.20
				PM10	15.17	49.20
				VOC	35.15	114.10
				NOX	1.62	5.50
				SO2	0.36	1.20
				CO	10.40	35.60
				HCHO **	0.48	1.60
				COC ***	0.89	2.88
2	Dryer 2			PM	15.17	49.20
				PM10	15.17	49.20
				VOC	35.15	114.10
				NOX	1.62	5.50
				SO2	0.36	1.20
				CO	10.40	35.60
				HCHO **	0.48	1.60
				COC ***	0.89	2.88
3	Dryer 3			PM	12.68	41.10
				PM10	12.16	41.10
				VOC	31.45	102.10
				NOX	1.01	3.50
				SO2	0.22	0.80
				CO	3.20	10.95
				HCHO **	0.39	1.30
				COC ***	0.89	1.92
4	Dryer 4			PM	12.68	41.10
				PM10	12.16	41.10
				VOC	31.45	102.10
				NOX	1.01	3.50

SO2	0.22	0.80
CO	3.20	10.95
HCHO **	0.39	1.30
COC ***	0.89	1.92

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Emission Point No. (1)	Source Name (2)	Name (3)	Air Contaminant		Emission Rates *	
			lb/hr	TPY		
5	Dryer 5		PM		12.68	41.10
			PM10		12.16	41.10
			VOC		31.45	102.10
			NOX		1.01	3.50
			SO2		0.22	0.80
			CO		3.20	10.95
			HCHO **		0.39	1.30
			COC ***		0.89	1.92
6	Press Vent		HCHO		3.69	5.98
			MDI		0.01	0.03
			Phenol		0.64	1.00
7	Press Vent		HCHO		3.69	5.98
			MDI		0.01	0.03
			Phenol		0.64	1.00
8	Press Vent		HCHO		3.69	5.98
			MDI		0.01	0.03
			Phenol		0.64	1.00
9	Unloader Vent		HCHO		1.85	2.99
			MDI		0.004	0.013
			Phenol		0.32	0.50
10	Press Fugitives (4)		HCHO		1.85	2.99

		MDI	0.004	0.013
		Phenol	0.32	0.50
11	Fuel Grinder	PM	2.15	9.03
		PM10	2.15	9.03
12	Fuel Meter	PM	3.17	13.32
		PM10	3.17	13.32
13	Aspiration System	PM	0.09	0.36
		PM10	0.09	0.36
		MDI Resin	<.01	<.01
		PF Resin	<.01	<.01

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	Name (2)	Name (3)	lb/hr	TPY	
14	Saw Trim		PM	1.44	6.05
			PM10	1.44	6.05
			MDI Resin	0.02	0.08
			PF Resin	0.08	0.32
15	Sander Dust		PM	0.80	3.35
			PM10	0.80	3.35
			MDI Resin	0.01	0.04
			PF Resin	0.04	0.18
16	Mat'l Reject Cyclone		PM	0.02	0.07
			PM10	0.02	0.07
			MDI Resin	<.01	<.01
			PF Resin	<.01	<.01
17	Debark Area		PM	1.57	5.60
			PM10	1.57	5.60
18	MDI Main Tanks		MDI	<.01	<.01

19	Paraffin Main Tanks	Paraffin	0.04	0.18
20	MDI Work Tank	MDI	<.01	<.01
21	Paraffin Work Tank	Paraffin	0.04	0.18
22	Road Fugitives (4)	PM PM10	0.02 0.02	0.09 0.09
23	LPF Main Tank	PF Resin	0.90	0.02
24	LPF Work Tank	PF Resin	0.08	0.01
25	Press Vent	HCHO MDI Phenol	3.69 0.03 0.64	5.98 0.10 1.00
26	Sander Dust Cyclone	PM PM10	0.54 0.54	1.73 1.73

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	TPY	<u>Emission Rates *</u>	
27	Edge Seal Fugitive (4)	VOC	6.89	22.33		
28	Logo Fugitives (4)	VOC	0.68	2.20		

- (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) PM - particulate matter 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
COC - condensible organic compounds
MDI - diphenylmethane diisocyanate
MDI Resin - MDI bounded to wood dust
PF - phenol/formaldehyde resin mix
PF Resin - PF bounded to wood
LPF - liquid phenol/formaldehyde resin

(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____Days/week____Weeks/year____or Hrs/year 8400

Total maximum annual throughput of 319,000,000 square feet on 3/8' basis.

** HCHO is counted as VOC

*** COCs are counted as PM and VOC as well as COC