

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 47278

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
16A	Fireboard Woodyard Vent	PM	3.798	11.089
FB-15-FU	Chip Truck Dump (4)	PM	0.041	0.121
FB-14A	Sand and Router Bagfilter	PM ₁₀	2.382	6.666
FB-120A	Washer No. 1	NMVOC	3.615	9.625
		MeOH	3.107	8.298
FB-101A	Fbrbrd Dryer 1 ST. "A"	PM	3.013	8.044
		NMVOC	0.938	2.505
		NO _x 1.788	4.774	
		CO 0.330	0.880	
		MeOH	0.236	0.630
FB-101B	Fbrbrd Dryer 1 ST. "B"	PM	2.161	5.769
		NMVOC	4.742	12.663
		NO _x 1.788	4.774	
		CO 0.330	0.880	
		MeOH	1.094	2.923
FB-101B	Fbrbrd Dryer 1 ST. "B"	PM	0.190	0.508
		NMVOC	0.138	0.367
		NO _x 2.502	6.680	
		CO 2.101	5.612	
		SO ₂ 0.015	0.040	
		CHOH	0.002	0.005

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
FB-101C	Fbrbrd Dryer 1 ST. "C"	PM	2.761	7.374
		NM VOC	0.768	2.052
		NO _x 1.788	4.774	
		CO 0.330	0.880	
		MeOH	0.312	0.833
FB-101C	Fbrbrd Dryer 1 ST. "C"	PM	0.190	0.508
		NM VOC	0.138	0.367
		NO _x 2.502	6.680	
		CO 2.101	5.612	
		SO ₂ 0.015	0.040	
		CHOH	0.002	0.005
FB-101D	Fbrbrd Dryer 1 ST. "D"	PM	2.386	6.372
		NM VOC	0.063	0.169
		NO _x 1.788	4.774	
		CO 0.330	0.880	
		MeOH	0.334	0.891
FB-101D	Fbrbrd Dryer 1 ST. "D"	PM	0.143	0.381
		NM VOC	0.103	0.276
		NO _x 1.876	5.010	
		CO 1.576	4.209	
		SO ₂ 0.011	0.030	
		CHOH	0.001	0.004
FB-101E	Fbrbrd Dryer 1 ST. "E"	PM	2.386	6.372
		NM VOC	0.198	0.528
		NO _x 1.788	4.774	
		CO 0.033	0.088	
		MeOH	0.146	0.390
FB-101E	Fbrbrd Dryer 1 ST. "E"	PM	0.157	0.419

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
		NMVOC	0.114	0.303
		NO _x 2.064	5.511	
		CO 1.734	4.629	
		SO ₂ 0.012	0.033	
		CHOH	0.002	0.004
FB-101F	FB Dryer Dry Endseal	PM	2.386	6.372
		NMVOC	1.453	3.880
		NO _x 1.788	4.774	
		CO 0.330	0.880	
		MeOH	0.276	0.772
FB-120B	Washer No. 2	NMVOC	2.280	6.372
		MeOH	1.824	5.104
FB-102WET	FB-102WET	PM	4.018	11.246
		NMVOC	1.704	4.769
		NO _x 2.652	7.422	
		CO 0.490	1.371	
		MeOH	0.141	0.396
FB-210	Foaming Area	NMVOC	3.601	10.080
FB-210V	Bldg Vents-Humidifier Area	NMVOC	0.317	0.887
FB-206	FB-206	PM	0.111	0.311
		NMVOC	0.001	0.001
		NO _x 0.008	0.023	
		CO 0.007	0.019	
		SO ₂ <0.001	<0.001	
FB-17BBB	Prhtr. Hood Bldg Vent	NMVOC	0.453	1.267
		MeOH	0.452	1.263
FB-208	FB-208	PM	0.414	1.160

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
FB-16-FU	Raw Storage Pile (4)	PM	0.759	2.218
FB-201	Dig Unfeed 1	PM	13.589	36.287
FB-202	Dig Infeed 2	PM	8.643	24.192
FB-204	Raw Wood Infeed	PM	0.00	0.00
FB-23	Center Ducon. Outlet	PM	2.476	6.613
FB-31	East Ducon. Outlet	PM	1.974	5.527

(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, suspended in the atmosphere, including PM₁₀
 PM₁₀ - particulate matter equal 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

NM VOC - non-methane volatile organic compounds

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

MeOH - methanol

CHOH - formaldehyde

(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 8,760 Hrs/year

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Maximum annual throughputs shown below:

<u>53,266</u>	tpy of chips to woodyard for EPN 16A.
<u>88,776</u>	tpy of purchased chips delivered for EPN FB-15-FU
<u>77,416</u>	tpy of No. 2 line output for EPN FB-14A
<u>110,970</u>	tpy of chips to unit No. 1 dryer for EPN FB-120A
<u>124,247</u>	tpy each of chips to unit No. 1 dryer for EPNs FB-101A, FB-101B, FB-101C, FB-101D,
	FB-101E, and FB-101F.
<u>122,575,385</u>	cubic feet per year (cfpy) each of natural gas for EPNs FB-101B and FB-101C
<u>91,931,538</u>	cfpy of natural for EPN FB-101D
<u>101,124,692</u>	cfpy of natural gas for EPN FB-101E.
<u>73,980</u>	tpy of chips to unit No. 2 dryer for EPNs FB-120B; FB-210; and FB-202.
<u>81,399</u>	tpy of chips to unit No. 2 dryer for EPNs FB-102WET and FB-210W.
<u>78,802</u>	tpy each of primecoater throughput for EPNs FB-206, FB-FB-17BBB, and FB-208.
<u>416,574</u>	cfpy of natural gas for EPN FB-206.
<u>184,951</u>	tpy of chips used for EPN FB-16-FU.
<u>110,970</u>	tpy of chips used in unit No. 1 side for EPN FB-201.
<u>93,339</u>	tpy of unit No. 1 chips production for EPN FB-23.
<u>77,416</u>	tpy of No. 2 line output for EPN FB-31.

Dated June 12, 2002