

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9092

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
G-1 Tanks	T-121	VOC	<0.01	0.04
	T-140	VOC	0.17	0.76
	T-150	VOC	0.03	0.12
	T-2121	VOC	<0.01	0.04
	T-2130	VOC	<0.01	0.02
G-6 Tanks	T-125	VOC	1.12	<0.01
	V-335	VOC	1.12	<0.01
	V-362	VOC	1.12	0.02
	V-2340	VOC	1.12	<0.01
Z-3781	Boiler No. 4	VOC	0.27	1.17
		NO _x	4.59	20.09
		CO	7.16	31.38
		PM ₁₀	1.31	5.73
		SO ₂	0.06	0.25
G-3	Treater	VOC	1.90	4.42
		PM ₁₀	0.02	0.04
G-5	Line I Bagging	PM ₁₀	0.40	1.80
2ST-2	Line II Dryer	VOC	7.42	24.45
		PM ₁₀	3.65	11.85
2ST-3	Line II Bagging	PM ₁₀	0.10	0.30

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Rates *	Source	Air Contaminant	<u>Emission</u>	
			<u>Name</u>	
			<u>Name</u>	
Point No. (1)		Name (2)		
(3)	lb/hr	TPY		
2ST-4	Boiler No. 2	VOC	0.09	0.38
		NO _x	3.76	16.45
		CO	1.10	4.80
		PM ₁₀	0.16	0.69
		SO ₂	0.02	0.08
Z-1871	Boiler No. 3	VOC	0.18	0.81
		NO _x	3.96	17.34
		CO	2.64	11.56
		PM ₁₀	0.33	1.45
		SO ₂	0.04	0.17
Z-2652	MA-II Vent	PM ₁₀	0.01	0.04
		VOC	0.01	0.04
Z-3652	After-Treatment MA-III	VOC	1.36	2.50
Z-3656	Bagging Vent	PM ₁₀	0.29	1.28
WG-1	Waste Gas	VOC	0.35	1.28
		NO _x	66.22	57.89
F-3603	Dust Collectors	PM ₁₀	0.29	1.28
WW-1	Wastewater	VOC	0.05	0.20
F-1	Fugitives MA-I, MA-II, and MA-III (4)	VOC	1.80	7.90
<u>Case 1:</u> Z-655	Line I Dryer (5)	VOC	10.38	24.10
		PM ₁₀	12.32	28.60
Z-3654	Dryer MA-III (5)	VOC	3.92	12.54

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

PM₁₀ 0.67 1.77
AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
Case 2:				
Z-655	Line I Dryer (5)	VOC	13.61	24.10
		PM ₁₀	12.32	28.60
Z-3654	Dryer MA-III (5)	VOC	0.54	12.54
		PM ₁₀	0.67	1.77

(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 30 Texas Administrative Code Section 101.1

NO_x - total oxides of nitrogen

CO - carbon monoxide

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.

SO₂ - sulfur dioxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Case 1 and Case 2 operations can be interchanged using the authorization granted under the Senate Bill 1126 request dated March 1999. See Special Condition Nos. 28 and 29.

Permit No. 9092
Page 4

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

* 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 8,760

Dated _____