

# 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 <sub>x</sub>	4.59	20.09
		CO	7.16	31.38
		PM <sub>10</sub>	1.31	5.73
		SO <sub>2</sub>	0.06	0.25
G-3	Treater	VOC	1.90	4.42
		PM <sub>10</sub>	0.02	0.04
Z-655	Line I Dryer	VOC	10.38	24.10
		PM <sub>10</sub>	12.32	28.60
G-5	Line I Bagging	PM <sub>10</sub>	0.40	1.80
2ST-2	Line II Dryer	VOC	7.42	24.45
		PM <sub>10</sub>	3.65	11.85

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Emission Rates *	Source	Air Contaminant		<u>Emission</u>	
		Name (2)		Name	
	Point No. (1)	TPY			
(3)	lb/hr				
2ST-3	Line II Bagging	PM <sub>10</sub>	0.10	0.30	
2ST-4	Boiler No. 2	VOC	0.09	0.38	
		NO <sub>x</sub>	3.76	16.45	
		CO	1.10	4.80	
		PM <sub>10</sub>	0.16	0.69	
		SO <sub>2</sub>	0.02	0.08	
Z-1871	Boiler No. 3	VOC	0.18	0.81	
		NO <sub>x</sub>	3.96	17.34	
		CO	2.64	11.56	
		PM <sub>10</sub>	0.33	1.45	
		SO <sub>2</sub>	0.04	0.17	
Z-2652	MA-II Vent	PM <sub>10</sub>	0.01	0.04	
		VOC	0.01	0.04	
Z-3652	After-Treatment MA-III	VOC	1.36	2.50	
Z-3654	Dryer MA-III	VOC	3.92	12.54	
		TSP	2.04	5.36	
		PM <sub>10</sub>	0.67	1.77	
Z-3656	Bagging Vent	TSP	0.52	2.28	
		PM <sub>10</sub>	0.29	1.28	
WG-1	Waste Gas	VOC	0.35	1.28	
		NO <sub>x</sub>	66.22	57.89	
F-3603	Dust Collectors	TSP	0.29	1.28	
		PM <sub>10</sub>	0.29	1.28	

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WW-1	Wastewater	VOC	0.05	0.20
F-1	Fugitives MA-I, MA-II, VOC and MA-III (4)		1.80	7.90

- (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 General Rule 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 CO - carbon monoxide  
 PM<sub>10</sub> - particulate matter (PM) 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.  
 TSP - total suspended particulate matter  
 SO<sub>2</sub> - sulfur dioxide
- (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 8,760

Dated \_\_\_\_\_