

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 49149

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**
FIN 4:				
1	No. 1 and No. 2 Dryer Purge Stack	PM	0.50	2.22
3	No. 3 and No. 4 Dryer Purge Stack	PM	0.50	2.22
103	Pulse Filter No. 1 Vent	PM	0.12	0.51
104	Pulse Filter No. 2 Vent	PM	0.12	0.51
105	Pulse Filter No. 3 Vent	PM	0.12	0.51
106	Pulse Filter No. 4 Vent	PM	0.12	0.51
107	Pulse Filter No. 5 Vent	PM	0.12	0.51
2	Secondary Filter Stack	PM	10.1	44.3
F22	Fugitives (4)	PM	1.94	8.5
FIN 11:				
108	Pulse Filter No. 1 Vent	PM	0.12	0.51
109	Pulse Filter No. 2 Vent	PM	0.12	0.51
110	Pulse Filter No. 3 Vent	PM	0.12	0.51
111	Pulse Filter No. 4 Vent	PM	0.12	0.51

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
112	Pulse Filter No. 5 Vent	PM	0.12	0.51
74	No. 1 and No. 2 Dryer Purge Stack	PM	0.35	1.54
77	No. 3 and No. 4 Dryer Purge Stack	PM	0.18	0.77
78	No. 5 and No. 6 Dryer Purge Stack	PM	0.40	1.75
76	Secondary Filter Stack	PM	10.5	46.1
F23	Fugitives (4)	PM	1.94	8.5
FINs D5,D6: 121	Plant 1 Dryer Stack (natural gas firing)	NO <sub>x</sub>	14.3	62.8
		VOC	0.42	1.82
		CO	6.34	27.8
		SO <sub>2</sub>	0.06	0.27
		PM	0.57	2.5
FINs D80,D81,D82: 122	Plant 2 Dryer Stack (natural gas firing)	NO <sub>x</sub>	21.5	94.2
		VOC	0.63	2.73
		CO	9.51	41.7
		SO <sub>2</sub>	0.09	0.40
		PM	0.86	3.75

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
121 & 122	Tailgas from EPN 119/120***	NO <sub>x</sub>	103	451
		VOC	3.52	15
		CO	340	1489
		SO <sub>2</sub>	1152	5046
		PM	23	100

- (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 an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide  
PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.  
PM<sub>10</sub> - 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.
- (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

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

\*\*\* These emissions are from EPN 119/120 Boiler Stacks in Permit 1867A. As previously authorized, these dryers (EPNs 121 and 122) may burn up to 40% of the tailgas that flows to EPN 119/120 in addition to the natural gas based emission listed separately for EPN 121 and EPN 122 above. The routed tailgas may be burned in either Plant 1 or Plant 2 or both.

Dated February 11, 2003