

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21940

The total emissions of air contaminants from any of the sources listed on this table shall not exceed the stated values. The annual emission rates are based on a rolling 12-month period.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
1-SL	Storage Silo No. 10	PM	0.12	0.49
16	Laminator 1 Extruder	VOC	0.45	1.98
17	Laminator 1 Treater and Catalytic Unit Preheater	POC	0.04	0.17
18	Laminator 2 Extruder	VOC	0.45	1.98
19	Laminator 2 Treater	NO <sub>x</sub>	0.02	0.09
1A	Railcar Unload System	PM	0.15	0.65
1B and 1C	In-Plant Loading Systems	PM	0.24	0.23
2	Storage Silos No. 1-7 and 13	PM	0.12	0.49
2-SL	Storage Silos No. 9 and 12	PM	0.12	0.49
20	Rewinder 1 Treater and Catalytic Unit Preheater	POC	0.04	0.17
21	Rewinder 2 Treater and Catalytic Unit Preheater	POC	0.04	0.17
22	Rewinder 3 Treater	NO <sub>x</sub>	0.02	0.09
23	Starflexo and Rewinder 4 Treaters	NO <sub>x</sub>	0.04	0.17
24	Starflexo Exhaust	VOC	0.65	0.57

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
25	Starflexo Evaporator	VOC	0.11	0.11
26	Beringer Vacuum/Cleaner	VOC	0.50	0.10
27A, 30, and 31	Bays No. 1, 2, and 3	PM	0.50	2.19
27B	Silos No. 9 and 12 Transfer System	PM	<0.01	0.05
27C	Silo No. 10 Transfer System	PM	<0.01	0.05
29	Main Paper Core Cutter	PM	0.25	0.26
3	Day Tanks No. 1-No. 6 and No. 8 Silo Discharge	PM	0.36	1.60
3-SL	Specialty Line No. 2 Treater	NO <sub>x</sub>	0.02	0.09
33 and 9	Silos No. 6, 8, and 11	PM	0.16	0.69
34	Specialty Line No. 3 Transfer System	PM	0.05	0.22
4-SL	Specialty Film Line Dryer No. 2	POC	0.02	0.07
5-SL	Specialty Film Line Dryer No. 3	POC	0.02	0.07
6	R and D Oven and Extruder	VOC POC	0.04 0.15	0.16 0.65
6-SL	Specialty Line No. 1 Treater	NO <sub>x</sub>	0.02	0.09
7-SL	Specialty Line No. 3 Treater	NO <sub>x</sub>	0.04	0.17

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
F-1, F-2, F-3, F-4, F-5, F-6, F-7, F-8, F-1-SL, F-2-SL, and F-3-SL	Fugitives from Extruders, Laminators, Driers, Space Heaters, and PM Recovery	VOC	1.00	4.35
		PM	2.49	10.90
		NO <sub>x</sub>	0.29	1.24
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.12	0.53

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use an area name or fugitive source name.

(3) 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.

POC - product of combustion of natural gas

VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

\* The sources are limited by the following maximum operating schedule:

Hours/day 24 Days/week 7 Weeks/year 52 or Hours/year 8,760

Dated \_\_\_\_\_