

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 16965

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**
A, B, AA, and BB	Roll Storage Vents	Isopentane	2.16	9.6
C, D, E, and F	Process Area Vents	Isopentane	6.40	28.4
		Styrene	1.08	4.8
		Ethyl Benzene	0.04	0.2
H	Thermal Oxidizer Stack (4)	VOC	3.03	13.3
		PM	0.15	
		SO <sub>2</sub>	<0.01	
		NO <sub>x</sub>	1.4	
		CO	1.1	
I	Sesame Fluff Silo No. 4 Exhaust	Isopentane	2.0	8.7
		PM	0.91	
J	Color Regrind Silo No. 2 Exhaust	Isopentane	0.10	0.45
		PM	0.19	
L	HI White Crystal Regrind No. 8 Exhaust	Isopentane	0.25	1.1
		Styrene	0.04	0.19
		Ethyl Benzene	<0.01	<0.01
		PM	0.08	
M	Virgin HI 615 Silo No. 5 Exhaust	Isopentane	0.11	0.47
		Styrene	0.02	0.08
		Ethyl Benzene	<0.01	<0.01
		PM	<0.01	
N	Pentane Trench Blower	Isopentane	0.36	1.6
		Styrene	0.06	0.27
		Ethyl Benzene	<0.01	0.01

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			<u>lb/hr</u>	<u>TPY**</u>

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
O	Pentane Trench Blower	Isopentane	0.03	0.12
		Styrene	<0.01	0.02
		Ethyl Benzene	<0.01	<0.01
P	Thermal Oxidizer - Standby (4)	VOC	3.03	13.3
		PM	0.03	0.15
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.31	1.4
		CO	0.26	1.1
S	Dairy Repel Silo Exhaust	PM	0.01	0.06
T, U, V, and W	Dairy Regrind Silo Exhaust	PM	0.16	0.68

- (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  
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.  
CO - carbon monoxide
- (4) Thermal oxidizer emissions represent emissions from either the primary or secondary oxidizer. Only one oxidizer may operate at any time.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

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

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

Dated \_\_\_\_\_