

# 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, sources, and related activities. 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 (6)	
			lbs/hour	TPY (5)
A, B, AA, and BB	Roll Storage Vents	VOC	2.55	10.86
C, D, E, and F	Process Area Vents	VOC	7.65	32.60
		Styrene	0.60	2.64
		Ethyl Benzene	0.03	0.11
H	Primary Incinerator - Thermal Oxidizer Stack (4)	VOC	0.17	0.71
		PM	0.03	<0.01
		PM <sub>10</sub>	0.03	<0.01
		PM <sub>2.5</sub>	0.03	<0.01
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.29	1.25
		CO	0.25	1.05
		VOC <sub>POC</sub>	0.02	0.07
I	Sesame Fluff Silo No. 4 Exhaust	VOC	3.80	16.17
		PM	0.05	0.20
		PM <sub>10</sub>	0.05	0.20
		PM <sub>2.5</sub>	0.05	0.20
J	Color Regrind Silo No. 2 Exhaust	VOC	0.12	0.53
		PM	0.03	0.12
		PM <sub>10</sub>	0.03	0.12
		PM <sub>2.5</sub>	0.03	0.12

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L	Virgin HI Pellet Silo No. 6 Exhaust	VOC	0.30	1.27
		Styrene	0.02	0.10
		Ethyl Benzene	<0.01	0.10
		PM	0.12	0.52
		PM <sub>10</sub>	0.12	0.52
		PM <sub>2.5</sub>	0.12	0.52
M	Virgin HI 615 Silo No. 5 Exhaust	VOC	0.13	0.54
		Styrene	0.01	0.04
		Ethyl Benzene	<0.01	<0.01
		PM	0.05	0.22
		PM <sub>10</sub>	0.05	0.22
		PM <sub>2.5</sub>	0.05	0.22
N	Pentane/Butane Trench Blower	VOC	0.43	1.81
		Styrene	0.03	0.15
		Ethyl Benzene	<0.01	0.01
O	Pentane/Butane Trench Blower	VOC	0.03	0.14
		Styrene	<0.01	0.01
		Ethyl Benzene	<0.01	<0.01
P	Backup Incinerator - Vertical Afterburner (4)	VOC	0.17	0.02
		PM	0.03	<0.01
		PM <sub>10</sub>	0.03	<0.01
		PM <sub>2.5</sub>	0.03	<0.01
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.39	0.05
		CO	0.33	0.04

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		VOC <sub>POC</sub>	0.02	<0.01
Q	Virgin Foam Pellet Silo No. 1	PM	0.04	0.17
		PM <sub>10</sub>	0.04	0.17
		PM <sub>2.5</sub>	0.04	0.17
R	HI White Regrind Silo No. 8	PM	0.04	0.17
		PM <sub>10</sub>	0.04	0.17
		PM <sub>2.5</sub>	0.04	0.17
S	Dairy Repel Silo Exhaust	PM	0.04	0.17
		PM <sub>10</sub>	0.04	0.17
		PM <sub>2.5</sub>	0.04	0.17
T, U, V, and W	Dairy Regrind Silo Exhaust	PM	0.16	0.70
		PM <sub>10</sub>	0.16	0.70
		PM <sub>2.5</sub>	0.16	0.70
All Emission Points at the Site	All Sources at the Site	Individual HAP		<10.00
		Total HAP		<25.00

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name.
- (3)
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - SO<sub>2</sub> - sulfur dioxide
  - NO<sub>x</sub> - total oxides of nitrogen
  - CO - carbon monoxide
  - VOC<sub>POC</sub> - volatile organic compounds as a result of products of combustion
  - HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Incinerator emissions represent emissions from either the primary or backup incinerator. Only one incinerator may operate at any time.
- (5) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (6) Allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: December 16, 2014