

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4157A

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)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>
1-132	Test Bin	PM	0.09	
1-133	Test Bin	PM	0.09	
1-134	Test Bin	PM	0.09	
1-135	Test Bin	PM	0.09	
1-136	Product Silo	PM	0.34	
1-137	Product Silo	PM	0.34	
1-138	Product Silo	PM	0.34	
1-139	Product Silo	PM	0.34	
1-140	Product Silo	PM	0.34	
1-141	Product Silo	PM	0.34	
1-142	Product Silo	PM	0.34	
1-143	Product Silo	PM	0.34	
1-144	Product Silo	PM	0.34	
1-145	Product Silo	PM	0.34	
1-146	Product Silo	PM	0.34	
1-147	Product Silo	PM	0.34	
1-176	Pack-out Filter	PM	0.26	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
1-177	Pack-out Filter	PM	0.26	
1-179	Product Blenders	PM	0.34	
1-180	Product Blenders	PM	0.34	
1-132 through 1-147, 1-176, 1-177, 1-179, and 1-180	Test Bins, Product Silos, Pack-out Filters, and Product Blenders	PM VOC VOC (5)	14.40 79.4	2.61 11.20
1-148	Master Batch Storage	PM	0.17	
1-149	Master Batch Storage	PM	0.17	
1-150	Master Batch Storage	PM	0.17	
1-151	Master Batch Storage	PM	0.17	
1-152	Master Batch Storage	PM	0.17	
1-153	Master Batch Storage	PM	0.17	
1-148 through 1-153	Master Batch Storage	PM		0.75
1-164	Hexane Tank	VOC	22.16	0.97
1-165	Solvent Tanks	VOC	5.74	0.26
1-167	Flare	VOC NO <sub>x</sub> CO	12.75 2.09 15.09	26.24
1-174	Wax Bin	VOC	0.16	0.56
1-175	Fugitive	VOC	8.70	38.12
1-178	Hexoil Loading	VOC	1.41	0.05
1-300	Cooling Tower	VOC	0.66	2.91

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			lb/hr	TPY**
2-106	Boiler C	PM	0.68	2.97
		VOC	0.49	2.15
		NO <sub>x</sub>	8.92	39.08
		SO <sub>2</sub>	0.05	0.23
		CO	7.49	32.82
3-102	Regenerative Thermal Oxidizer	PM	0.02	0.09
		VOC	1.80	6.28
		NO <sub>x</sub>	1.41	6.17
		SO <sub>2</sub>	<0.01	<0.01
		CO	6.58	28.82

- (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 30 Texas Administrative Code Section 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) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) VOC emissions at this level are limited to 10 days per year.

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

\_\_\_\_\_Hrs/day \_\_\_\_Days/week \_\_\_\_Weeks/year or 8760 Hrs/year

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

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>

Dated\_\_\_\_\_