

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 78630

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 (5)	
			lbs/hour	TPY (4)
1	Silo No. 1	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
2	Silo No. 2	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
3	Silo No. 3	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
4	Dust Collector – CC Building	VOC	0.02	<0.01
		NH <sub>3</sub>	0.37	0.15
		PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
5	CC Building Fugitives	VOC	0.23	0.96
		NH <sub>3</sub>	0.76	0.41
		PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
11	AD-MIX Building – North Wall Vent System (Loading, Storing, Mixing, Packing Operations)	VOC	0.41	—
		NH <sub>3</sub>	0.37	—

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11	AD-MIX Building – North Wall Vent System (Equipment Leak Fugitives)	VOC	0.18	—
		NH <sub>3</sub>	<0.01	—
12	AD-MIX Building – West Wall Vent System (Loading, Storing, Mixing, Packing Operations)	VOC	0.72	—
		NH <sub>3</sub>	0.66	—
	AD-MIX Building – West Wall Vent System (Equipment Leak Fugitives)	VOC	0.32	—
		NH <sub>3</sub>	<0.01	—
13	AD-MIX Building – Fugitives from Loading, Storing, Mixing, Packing Operations	VOC	1.13	—
		NH <sub>3</sub>	1.02	—
	AD-MIX Building – Equipment Leak Fugitives	VOC	0.50	—
		NH <sub>3</sub>	0.01	—
11/12/13	AD-MIX Building – Loading, Storing, Mixing, Packing Operations	VOC	-----	0.02
		NH <sub>3</sub>	-----	0.02
	AD-MIX Building – Equipment Leak Fugitives	VOC	-----	2.20
		NH <sub>3</sub>	-----	0.02
1/2/3	APMSS Activity 1	PM	3.63	0.07
		PM <sub>10</sub>	3.63	0.07
		PM <sub>2.5</sub>	3.63	0.07
4	APMSS Activity 1	PM	62.20	0.07
		PM <sub>10</sub>	62.20	0.07
		PM <sub>2.5</sub>	62.20	0.07
5	APMSS Activity 2	PM	3.35	0.03

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		PM <sub>10</sub>	3.35	0.03
		PM <sub>2.5</sub>	3.35	0.03
4/11/12/13	APMSS Activity 3	VOC	1.82	0.10
All Emission Points at the Site	All Sources at the Site	Individual HAPS		<10.00
		Total HAPS		<25.00

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive 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
- NH<sub>3</sub> - anhydrous ammonia
- HAPS - 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) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Building Fugitives include VOC emission from coatings manufacturing including equipment VOC leak fugitive emissions.
- (6) APMSS activities as defined in Special Condition No. 21.
- (7) Emission rates are based on and the facilities are limited by the following maximum operating schedule:

16 Hrs/day 6 Days/week 52 Weeks/year or Hrs/yr 4,992

Date: November 14, 2017