

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 83756

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	
			lbs/hour	TPY (4)
012BH233	Baghouse Vent (Maintenance Emissions)	PM	1.00	0.06
		PM <sub>10</sub>	1.00	0.06
		PM <sub>2.5</sub>	1.00	0.06
012BH337	Baghouse Vent (Maintenance Emissions)	PM	1.00	0.06
		PM <sub>10</sub>	1.00	0.06
		PM <sub>2.5</sub>	1.00	0.06
013BH221	Baghouse Vent (Maintenance Emissions)	PM	1.00	0.06
		PM <sub>10</sub>	1.00	0.06
		PM <sub>2.5</sub>	1.00	0.06
013BH336	Baghouse Vent (Maintenance Emissions)	PM	1.00	0.06
		PM <sub>10</sub>	1.00	0.06
		PM <sub>2.5</sub>	1.00	0.06
065BH228	Baghouse Vent (Maintenance Emissions)	PM	1.00	0.06
		PM <sub>10</sub>	1.00	0.06
		PM <sub>2.5</sub>	1.00	0.06
12MNT	Maintenance Emissions	VOC	21.28	0.30
		Exempt Solvent (acetone)	24.99	0.01
012S1	Scrubber Vent	NH <sub>3</sub>	0.25	(5)
012S2	Scrubber Vent	NH <sub>3</sub>	0.25	(5)
063S1	Scrubber Vent	NH <sub>3</sub>	0.17	(5)
013VT	Loading Vent	VOC	0.10	0.02
063CU1	Cat-Ox Vent	VOC	9.17	0.09
		NO <sub>x</sub>	0.21	0.01
		CO	0.03	0.01

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- (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) Exempt Solvent
  - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
  - 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
    - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>
  - PM<sub>10</sub>
    - 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
  - CO
    - carbon monoxide
  - NH<sub>3</sub>
    - ammonia
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Combined NH<sub>3</sub> emissions from EPNs 012S1, 012S2, and 063S1 shall not exceed 0.03 ton per year.

Date: September 20, 2019