

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 81570

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 |
| 1 | Boiler No. 1 Stack (Combined Natural Gas, Diesel and Biodiesel) | PM/PM ₁₀ | 0.65 | 1.15 |
| | | VOC | 0.13 | 0.41 |
| | | NO _x | 3.94 | 7.12 |
| | | SO ₂ | 1.38 | 1.06 |
| | | CO | 2.02 | 6.29 |
| 2 | Boiler No. 2 Stack (Combined Natural Gas, Diesel and Biodiesel) | PM/PM ₁₀ | 0.65 | 1.15 |
| | | VOC | 0.13 | 0.41 |
| | | NO _x | 3.94 | 7.12 |
| | | SO ₂ | 1.38 | 1.06 |
| | | CO | 2.02 | 6.29 |
| 3 | Packed Bed Scrubber No. 1 Stack (Venturi Scrubbers Nos. 1, 2 and 3) | PM/PM ₁₀ | 0.02 | 0.02 |
| | | Odor (5) | -- | -- |
| 4 | Packed Bed Scrubber No. 2 Stack (Venturi Scrubber No. 4 and Blood Dryer) | PM/PM ₁₀ | <0.01 | 0.01 |
| | | VOC | <0.01 | <0.01 |
| | | NO _x | <0.01 | <0.01 |
| | | SO ₂ | <0.01 | <0.01 |
| | | CO | <0.01 | <0.01 |
| | | H ₂ S | <0.01 | <0.01 |
| | | NH ₄ | <0.01 | <0.01 |
| | | Odor (5) | -- | -- |
| 5 | Blood Meal Bin Vent | PM/PM ₁₀ | <0.01 | <0.01 |

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|---------------------------|-----------------------|-----------------------------|-----------------------|-------|
| | | | lb/hr | TPY |
| 6 | Truck Loadout (4) | PM/PM ₁₀ | <0.01 | <0.01 |
| 7 | Boiler No. 3 Stack | PM/PM ₁₀ | 0.26 | 0.77 |
| | (Combined Natural Gas | VOC | 0.19 | 0.56 |
| | and | NO _x | 1.68 | 5.09 |
| | Biogas) | SO ₂ | 11.77 | 33.05 |
| | | CO | 2.82 | 8.55 |
| 8 | Lagoon Flare | VOC | 3.78 | 1.18 |
| | | NO _x | 3.73 | 1.16 |
| | | SO ₂ | 7.17 | 1.81 |
| | | CO | 7.44 | 2.32 |
| | | H ₂ S | 0.08 | 0.02 |

- (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) PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
 NH₄ - ammonium
 H₂S - hydrogen sulfide
- (4) Fugitive emissions are an estimate only.
- (5) Odors shall be maintained at a minimum level.

Dated May 8, 2009