

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 72932

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 |
| STMBOIL | Boiler No. 3 | PM ₁₀ | 0.02 | 0.07 |
| | | VOC | 0.02 | 0.05 |
| | | NO _x | 0.10 | 0.82 |
| | | SO ₂ | <0.01 | <0.01 |
| | | CO | 0.16 | 0.69 |
| DRYEROVEN | Dryer/Oven and IR Burner | VOC | 0.77 | 2.49 |
| | | PM | 0.12 | 0.41 |
| | | NO _x | 0.48 | 2.50 |
| | | CO | 0.44 | 1.90 |
| | | SO _x | <0.01 | 0.02 |
| | | NH ₃ | 0.02 | 0.02 |
| | | Formaldehyde | 0.20 | 0.43 |
| BHEXH-1 | Roof PenthouseVent for Baghouse No. 1 and 2, and Bin Vent Filter Exhaust | PM ₁₀ | 0.09 | 0.20 |
| COATEXH-1 | Coated Substrates (4) Production Line (8 Roof Fans) | VOC | 0.25 | 0.79 |
| | | PM | 0.03 | 0.08 |
| | | Formaldehyde | 0.07 | 0.15 |
| | | NH ₃ | <0.01 | <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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter less than or equal to 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
NH₃ - ammonia
- (4) Total emissions from all 8 roof vents.

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

Hrs/day 24 Days/week 7 Weeks/year 51 and Hrs/year 8,552

BHEXH-1, fabric filter emission rates are based on operating 4,368 hours per year

Dated April 26, 2005