

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4429

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.

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | AIR CONTAMINANTS DATA | |
|---------------------------|----------------------|-----------------------------|-----------------------|-------|
| | | | lb/hr | TPY |
| | Receiving Pit (a) | TSP | 0.54 | 0.54 |
| | | PM ₁₀ | 0.27 | 0.27 |
| | Dryer Stack (b) | PM ₁₀ | 0.02 | 0.02 |
| | | VOC | 0.02 | 0.02 |
| | | NO _x | 0.30 | 0.30 |
| | | CO | 0.06 | 0.06 |
| | | SO ₂ | <0.01 | <0.01 |
| | Dryer/Delinting Drum | PM ₁₀ | 1.80 | 1.80 |
| | Fan Exhaust (c) * | HCl | 4.80 | 4.80 |
| C-1 | Buffing Reel | PM ₁₀ | 0.45 | 0.45 |
| | Cyclone (a) | | | |
| C-2 | Cleaners/Neutralizer | PM ₁₀ | 0.60 | 0.60 |
| | Chamber No. 1 | NH ₃ | 2.40 | 2.40 |
| | Cyclone (d) * | | | |
| | Neutralizing | NH ₃ | 2.40 | 2.40 |
| | Chamber No. 2 (a) * | | | |

- (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) TSP - total suspended particulate including PM₁₀
- PM₁₀ - particulate matter less than 10 microns in diameter
- VOC - volatile organic compounds as defined in General Rule 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- CO - carbon monoxide

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NH₃ - ammonia
HCl - hydrochloric acid

- (a) Emission rates are based on and the facilities are limited to an hourly throughput of three tons and an annual throughput of 6,000 tons of raw seed.
- (b) Emission rates are based on and the facilities are limited to the following maximum operating schedule:

Hrs/Day___; Days/Week___; Weeks/Year___; Hrs/Year 2,000
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of six tons and an annual throughput of 12,000 tons of raw seed.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of nine tons and an annual throughput of 18,000 tons of raw seed.
- * Emission rates for those point sources that use HCl and NH₃ are based on and the facilities are limited to 16 pounds HCl per ton of raw seed and eight pounds NH₃ per ton of raw seed.

Dated_____