

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5396

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 | | Air Contaminant | | <u>Emission Rates</u> | |
|---------------------------|-------------------------------------|----------|------------------|-----|-----------------------|-------|
| | Name (2) | Name (3) | lb/hr | TPY | | |
| | Truck Receiving Pit No. P-1.(a) | | TSP | | 5.04 | |
| | | | PM ₁₀ | | 2.52 | |
| | Truck Receiving Pit No. P-2.(a) | | TSP | | 5.04 | |
| | | | PM ₁₀ | | 2.52 | |
| | Total Receiving Operations (b) | | TSP | | | 0.31 |
| | | | PM ₁₀ | | | 0.15 |
| | Process Line Cyclone CL-1 (c) | | PM ₁₀ | | 28.0 | 1.70 |
| | Grain Dryer Cyclone CL-2 (d) | | PM ₁₀ | | 8.40 | 1.70 |
| | | | VOC | | 0.05 | 0.01 |
| | | | NO _x | | 2.63 | 0.53 |
| | | | CO | | 0.66 | 0.13 |
| | | | SO ₂ | | 0.01 | <0.01 |
| | Process Line Cyclone CL-3 (c) | | PM ₁₀ | | 28.0 | 1.70 |
| | Process Line Cyclone CL-4 (c) | | PM ₁₀ | | 28.0 | 1.70 |
| | Gravity Table Cyclone System (c) | | PM ₁₀ | | 28.0 | 1.70 |
| | Truck Loadout Area No. 1 (e) | | TSP | | 2.25 | |
| | | | PM ₁₀ | | 1.13 | |
| | Truck Loadout | | TSP | | 2.25 | |

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| | | |
|-----------------|------------------|------|
| Area No. 2 (e) | PM ₁₀ | 1.13 |
| Railcar Loadout | TSP | 2.25 |
| Area (e) | PM ₁₀ | 1.13 |

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Name (3) | lb/hr | Air Contaminant | <u>Emission Rates</u> TPY |
|------------------------|-----------------|----------|-------|------------------|------------------------------|
| | Total Loadout | | | TSP | 1.53 |
| | Operations (b) | | | PM ₁₀ | 0.77 |

- (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
- (a) Emission rates are based on and the facilities are limited to an hourly throughput of 280 tons of grain.
- (b) Emission rates are based on and the facilities are limited to an annual throughput of 34,000 tons of grain.
- (c) Emission rates are based on and the facilities are limited to an hourly throughput of 280 tons and an annual throughput of 34,000 tons of grain.
- (d) Emission rates are based on and the facilities are limited to an hourly throughput of 84 tons and an annual throughput of 34,000 tons of grain.

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- (e) Emission rates are based on and the facilities are limited to an hourly throughput of 25 tons of grain.

Dated _____