

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8518 and PSD-TX-370M3

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) | <u>Emission Rates *</u> | |
|---------------------------|---|--------------------------------|-------------------------|---------|
| | | | lb/hr | TPY |
| 10 | Glass Furnace Stack | TSP | 25.00 | 110.00 |
| | | PM ₁₀ | 25.00 | 110.00 |
| | | NO _x | 600.00 | 2630.00 |
| | | SO ₂ | 100.00 | 438.00 |
| | | H ₂ SO ₄ | 4.25 | 18.60 |
| 767 | Bulk Elevator Baghouse Stack | TSP | 0.20 | 0.87 |
| | | PM ₁₀ | 0.20 | 0.87 |
| 767A | Batch Elevator Baghouse Stack | TSP | 0.20 | 0.87 |
| | | PM ₁₀ | 0.20 | 0.87 |
| 768 | Sand Storage Bin Baghouse Stack | TSP | 0.12 | 0.60 |
| | | PM ₁₀ | 0.12 | 0.60 |
| 768A | Soda Ash Storage Bin Baghouse Stack | TSP | 0.12 | 0.60 |
| | | PM ₁₀ | 0.12 | 0.60 |
| 768B | Dolomite Storage Bin Baghouse Stack | TSP | 0.12 | 0.60 |
| | | PM ₁₀ | 0.12 | 0.60 |
| 768C | Salt Cake Storage Bin Baghouse Stack | TSP | 0.12 | 0.60 |
| | | PM ₁₀ | 0.12 | 0.60 |
| 768D | Limestone Storage Bin Baghouse Stack | TSP | 0.12 | 0.60 |
| | | PM ₁₀ | 0.12 | 0.60 |
| 769 | Cullet Storage Bin Baghouse Stack | TSP | 0.07 | 0.27 |
| | | PM ₁₀ | 0.07 | 0.27 |
| 770 | Cullet Elevator Baghouse Stack | TSP | 0.12 | 0.60 |
| | | PM ₁₀ | 0.12 | 0.60 |

| | | | | |
|------|----------------------|------------------|------|------|
| 771 | Rouge Storage Bin | TSP | 0.20 | 0.87 |
| | Baghouse Stack | PM ₁₀ | 0.20 | 0.87 |
| 771A | Charcoal Storage Bin | TSP | 0.20 | 0.87 |
| | Baghouse Stack | PM ₁₀ | 0.20 | 0.87 |

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|------------------------------|-----------------------------|------------------|-------|
| | | | lb/hr | TPY |
| F-1 | Glass Rolls Lubricant (4) | SO ₂ | 8.33 | 36.50 |
| F-2 | Tin Bath Losses (4) | TSP | 1.00 | 4.38 |
| | | PM ₁₀ | 1.00 | 4.38 |

- (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 matter including PM₁₀
PM₁₀ - particulate matter less than 10 microns in diameter
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
H₂SO₄ - sulfuric acid
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule and maximum glass production rate:

Hrs/day 24 Days/week 7 Weeks/year 52

Maximum glass production rates: Tons/hour 26 Tons/day 624

Dated_____

