

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 23567

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<br>Point No. (1) | Source<br>Name (2)       | Air Contaminant<br>Name (3) | <u>Emission Rates *</u> |       |
|---------------------------|--------------------------|-----------------------------|-------------------------|-------|
|                           |                          |                             | lb/hr                   | TPY   |
| 1                         | Baghouse Stack           | PM <sub>10</sub>            | 16.5                    | 9.08  |
|                           |                          | VOC (a)                     | 16.0                    | 8.0   |
|                           |                          | VOC (b)                     | 113.0                   | 5.65  |
|                           |                          | VOC (c)                     | 525.0                   | 17.26 |
|                           |                          | NO <sub>x</sub>             | 27.5                    | 13.75 |
|                           |                          | CO                          | 65.0                    | 32.5  |
|                           |                          | SO <sub>2</sub>             | 29.0                    | 15.95 |
| 2                         | Material Handling (4)    | PM                          | 0.35                    | 0.30  |
|                           |                          | PM <sub>10</sub>            | 0.15                    | 0.13  |
| 3                         | Stockpiles (4)           | PM                          | -                       | 0.30  |
|                           |                          | PM <sub>10</sub>            | -                       | 0.15  |
| 4                         | Lime Silo Baghouse       | PM <sub>10</sub>            | 0.03                    | <0.01 |
| 5                         | Hot Mix Silo Filling (4) | PM                          | 0.33                    | 0.19  |
|                           |                          | VOC                         | 7.99                    | 4.45  |
|                           |                          | CO                          | 0.77                    | 0.43  |
| 6                         | Truck Loadout (4)        | PM                          | 0.31                    | 0.17  |
|                           |                          | VOC                         | 2.73                    | 1.52  |
|                           |                          | CO                          | 0.88                    | 0.49  |

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
VOC(a) - VOCs from standard hot mix asphalt  
VOC(b) - VOCs from rubber modified hot mix asphalt  
VOC(c) - VOCs from cold mix asphalt concrete  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.

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

24 Hours/Day 7 Days/Week 52 Weeks/Year up to 8,760 Hours/Year

Dated July 9, 2004