

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21942

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> | |
|---------------------------|------------------------------|-----------------------------|-------------------------|------------|
| | | | <u>lb/hr</u> | <u>TPY</u> |
| 1 | Drum/Dryer Baghouse Stack | VOC(a) | 17.29 | 16.70 |
| | | VOC(b) | 262.5 | 7.44 |
| | | VOC(c) | 140. | 8.50 |
| | | NO _x | 10.8 | 7.62 |
| | | CO | 11.4 | 8.04 |
| | | SO ₂ | 0.59 | 0.40 |
| | | PM ₁₀ | 9.59 | 6.77 |
| 2 | Material Handling (4) | PM | 5.98 | 5.61 |
| | | PM ₁₀ | 0.28 | 0.27 |
| 3 | Stockpiles (4) | PM | * | 1.74 |
| | | PM ₁₀ | * | 0.83 |
| | | VOC(b) | 0.36 | 7.29 |
| | | VOC(c) | 0.41 | 8.33 |

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources use an area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

VOC(a) - from standard mix asphalt concrete

VOC(b) - from emulsified asphaltic concrete

VOC(c) - medium cure cutback

NO_x - nitrogen oxide

CO - carbon monoxide

SO₂ - sulfur dioxide

PM - particulate matters, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matters equal to or less than 10 microns in

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diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

- (4) Fugitive emissions are an estimate only. This emission rate estimation includes emissions from the RAP screening and all drop points.

* Emission rates are based on and the facility is limited to the following asphalt concrete production rates and operating schedule:

| | <u>tons/hour</u> | <u>tons/year</u> |
|---|------------------|------------------|
| Standard hot mix asphalt concrete | 190 | 350,000 |
| Cold mix asphalt concrete with emulsion | 150 | 8,500 |
| Cold mix asphalt concrete with slow/specialty cure | 70 | 8,500 |
| <u>14</u> hours/day <u>6</u> days/week <u>50</u> weeks/year | | <u>4,200</u> |
| hours/year | | |

Dated_____