

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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Permit No. 23282

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		
BH-1	Baghouse Stack			PM10	9.7	0.81
				VOC(a)	6.5	0.54
				VOC(b)	525.0	10.50
				NOx	5.4	0.45
				SO2	9.6	0.96
				CO	5.7	0.47
FUG-PM1	Aggregate Screens and Drops (4)			TSP	7.8	0.79
				PM10	5.6	0.63
FUG-PM2	Stockpile Fugitives (4)			TSP	-	0.19
				PM10	-	0.09
FUG-VOC	Plant Fugitives (4)			VOC(b)	0.6	10.50
FUG-PM3	Traffic (4)			TSP	-	0.06
				PM10	-	0.03

- (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  
 VOC - volatile organic compounds as defined in General Rule 101.1  
 VOC(a) - primarily asphalt vapors  
 VOC(b) - primarily diesel or kerosene vapors  
 NOx - total oxides of nitrogen  
 SO2 - sulfur dioxide  
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum

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allowable emission rate.

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

Hrs/day \_\_\_\_ Days/week \_\_\_\_ Weeks/year \_\_\_\_ or Hrs/year 1000

Standard Hot Mix: Tons/hour 150 Tons/year 25,000

Cutback Cold Mix: Tons/hour 150 Tons/day 1,000 Tons/year 6,000

Asphalt Emulsion: Tons/hour 300 Tons/day 2,000 Tons/year 12,000

### EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

The annual (rolling twelve month period) production rates of medium cure cutback cold mix and asphalt emulsion must satisfy the following equation at all times:

$$CB + 0.5(AE) \leq 6,000 \text{ Tons/year}$$

Where:

CB = medium cure cold mix cutback in tons/year

AE = asphalt emulsion in tons/year