

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 23383

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.

Emission Point No. (1)	Source Name (2)	Name (3)	AIR CONTAMINANTS DATA		
			Air Contaminant lb/hr TPY	Emission Rates *	
FUG-1	South Building Vents (includes EPN's 17, 18, 19, 26) (4)		TSP(a)	0.30	0.34
FUG-2	North Building Vents (includes EPN's 16 and 30) (4)		TSP(a)	0.13	0.28
20	Thermal Oil Heater No. 1		TSP	0.06	0.26
			VOC	0.04	0.16
			NO _x	0.52	2.20
			SO ₂	<0.01	0.01
			CO	0.11	0.45
21	Thermal Oil Heater No. 2		TSP	0.09	0.39
			VOC	0.06	0.24
			NO _x	0.77	3.25
			SO ₂	<0.01	0.02
			CO	0.16	0.68
22	Asphalt Heater		TSP	0.05	0.09
			VOC	0.03	0.05
			NO _x	0.38	0.75
			SO ₂	<0.01	0.05
			CO	0.08	0.16
23	Steam Boiler		TSP	0.02	0.03
			VOC	<0.01	0.02
			NO _x	0.13	0.25
			SO ₂	<0.01	<0.01
			CO	0.03	0.05

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA					
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *		
			lb/hr	TPY	
24	Thermal Oxidizer		TSP	3.10	13.00
			VOC	0.23	0.95
			NO _x	0.80	3.36
			SO ₂	<0.01	0.02
			CO	0.17	0.71
25	Coater Fiberbed Filter		TSP	3.00	12.60
			VOC	0.75	3.15
27	Shingle Line Bag Filter		TSP	0.86	3.62

- (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 (for calculation purposes it is assumed that TSP is the same as PM₁₀)
 - TSP(a) - total suspended particulate matter emitted from baghouses within a building.
 - 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
- (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 production rates:

Hrs/year 8,760

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

Maximum Production Limits

A) Short-term

Shingle line/BUR roll line: 75,000 lbs/hr
Modified tar roll line: 12,000 lbs/hr

B) Long-term

Shingle line/BUR roll line: 272,000 tons/yr
Modified tar roll line: 20,000 tons/yr

Dated _____