

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.

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
FUG-1	South Building Vents	TSP(a)	0.30	0.34
		PM ₁₀	0.15	0.17
FUG-2	North Building Vents	TSP(a)	0.13	0.28
		PM ₁₀	0.07	0.14
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	1.64
		SO ₂	<0.01	0.05
		CO	0.08	0.16
35	Asphalt Storage Tank No. 1	VOC	0.14	0.63
36	Asphalt Storage Tank No. 2	VOC	0.14	0.63

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
25	Coater Fiberbed Filter	TSP	3.00	12.60
		VOC	3.00	13.10
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

* Emission rates are based on and the facilities are limited by the following maximum operating schedule and production rates:
Hrs/year 8,760

Maximum Production Limits

A) Short-term: shingle line/BUR roll line: 102,500 lbs/hr

B) Long-term: shingle line/BUR roll line: 410,000 tons/yr

Dated_____