

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21768

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) ton/yr	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	
E-1	Coater	TSP	0.58	2.5
		PM <sub>10</sub>	0.08	0.3
		VOC	1.57	6.9
E-3	Filler Heater Stack	PM <sub>10</sub>	0.04	0.15
		NO <sub>x</sub>	0.28	1.23
		SO <sub>2</sub>	0.002	0.007
		CO	0.06	0.26
		VOC	0.011	0.05
E-7	Cooling Section Stack 1	TSP	2.50	10.9
		PM <sub>10</sub>	1.30	5.7
		VOC	0.62	2.7
E-8	Cooling Section Stack 2	TSP	1.55	6.8
		PM <sub>10</sub>	0.81	3.5
		VOC	0.20	0.9
E-9	General Ventilation Vent 1	TSP	14.33	62.8
		PM <sub>10</sub>	6.30	27.6
E-10	General Ventilation Vent 2	TSP	4.56	20.0
		PM <sub>10</sub>	2.34	10.2
E-11	General Ventilation Vent 3	TSP	7.81	34.2
		PM <sub>10</sub>	4.65	20.4

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Emission Point No. (1) <u>ton/yr</u>	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u> lb/hr	
E-13	Hot Oil Heater Stack	PM <sub>10</sub>	0.011	0.05
		NO <sub>x</sub>	0.086	0.38
		SO <sub>2</sub>	<0.001	0.002
		CO	0.018	0.08
		VOC	<0.004	<0.02
E-19	Asphalt Preheater Stack	PM <sub>10</sub>	<0.006	<0.03
		NO <sub>x</sub>	0.048	0.21
		SO <sub>2</sub>	<0.001	<0.002
		CO	0.01	<0.05
		VOC	<0.002	<0.01
E-20	Process Line Fabric Filter Vent	PM <sub>10</sub>	1.43	6.28
E-21	Adhesive Hot Oil (5) Heater Stack	PM <sub>10</sub>	0.007	0.03
		NO <sub>x</sub>	0.052	0.23
		SO <sub>2</sub>	0.001	0.001
		CO	0.011	0.05
		VOC	0.002	<0.01
AST32	Storage Tank No. 32	PM <sub>10</sub>	0.005	<0.022
		VOC	0.041	0.178
AST33	Storage Tank No. 33	PM <sub>10</sub>	0.005	<0.022
		VOC	0.041	0.178
BAST32	Storage Tank No. 32 Heater Stack	PM <sub>10</sub>	<0.001	<0.004
		NO <sub>x</sub>	0.007	<0.03
		CO	<0.002	0.006
		VOC	<0.001	<0.002

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Emission Point No. (1) <u>ton/yr</u>	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u> lb/hr	
BAST33	Storage Tank No. 33 Heater Stack	PM <sub>10</sub>	<0.001	<0.004
		NO <sub>x</sub>	0.007	<0.03
		CO	<0.002	0.006
		VOC	<0.001	<0.002
AST34	Bulk Adhesive Tank (6)	PM <sub>10</sub>	<0.001	0.003
		VOC	0.006	0.03
FUG1	Bulk Granule (4) Unloading	TSP	<0.001	<0.001
		PM <sub>10</sub>	<0.001	<0.001

- (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 including PM<sub>10</sub>.  
 PM<sub>10</sub> - particulate matter less than 10 microns  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 CO - carbon monoxide  
 VOC - volatile organic compounds as defined in General Rule 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Operates per Standard Exemption No. 7
- (6) Operates per Standard Exemption No. 51.

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Maximum roofing shingle production limited to quantity indicated on the **Addendum** in the **Confidential** file.

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AIR CONTAMINANTS DATA

Emission Point No. (1) <u>ton/yr</u>	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u> <u>lb/hr</u>
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DATED \_\_\_\_\_