

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 4118A

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, sources, and related activities. 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)	Emission Rates (5)	
			lbs/hour	TPY (4)
19	Dryer Baghouse Stack	PM	11.55	9.90
		PM <sub>10</sub>	8.05	6.90
		PM <sub>2.5</sub>	8.05	6.90
		VOC (a)	11.20	8.72
		VOC (c)	67.80	6.22
		NO <sub>x</sub>	19.25	16.50
		SO <sub>2</sub>	20.30	17.40
		CO	45.50	39.00
12	Asphalt Heater Vent	PM	0.03	0.08
		PM <sub>10</sub>	0.03	0.08
		PM <sub>2.5</sub>	0.03	0.08
		VOC	<0.01	<0.01
		NO <sub>x</sub>	0.17	0.49
		SO <sub>2</sub>	0.60	1.75
		CO	0.04	0.12
6	Asphalt Storage Tanks (5)	VOC	<0.01	0.03
7	Anti-strip Storage Tank (5)	VOC	<0.01	<0.01
11	Diesel Storage Tanks (5)	VOC	<0.01	0.02
21	RC250 Storage Tank (5)	VOC	<0.01	<0.01

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8 & 9	Storage Silo Filling (5)	PM	0.28	0.24
		PM <sub>10</sub>	0.28	0.24
		PM <sub>2.5</sub>	0.28	0.24
		VOC	7.99	6.85
		CO	0.77	0.66
10	Truck Load-Out (5)	PM	0.29	0.25
		PM <sub>10</sub>	0.29	0.25
		PM <sub>2.5</sub>	0.29	0.25
		VOC	2.56	2.20
		CO	0.88	0.76
1 & 13	Stockpiles (5)	PM	-.--	0.82
		PM <sub>10</sub>	-.--	0.41
		PM <sub>2.5</sub>	-.--	0.06
16a	Recycled Asphalt Products & Recycled Asphalt Shingles Crushing (5)	PM	0.20	0.17
		PM <sub>10</sub>	0.10	0.08
		PM <sub>2.5</sub>	0.02	0.01
16 & 24	Recycled Asphalt Products & Recycled Asphalt Shingles Screening (5)	PM	0.62	0.42
		PM <sub>10</sub>	0.29	0.20
		PM <sub>2.5</sub>	0.04	0.03
4	Aggregate Screening (5)	PM	0.62	0.40
		PM <sub>10</sub>	0.29	0.19
		PM <sub>2.5</sub>	0.04	0.03

MH	Material Handling (5)	PM	0.11	0.07
		PM <sub>10</sub>	0.05	0.03

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		PM <sub>2.5</sub>	0.01	<0.01
20	Crumb Rubber Handling (5)	PM	0.14	<0.01
		PM <sub>10</sub>	0.07	<0.01
		PM <sub>2.5</sub>	0.01	<0.01

- (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) PM -total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub> -total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub> -particulate matter equal to or less than 2.5 microns in diameter
  - VOC -volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - VOC (a) -asphalt vapors from standard mix and fuel combustion vapors
  - VOC (c) -vapors from a rubber modified asphalt mix and fuel combustion vapors
  - NO<sub>x</sub> -total oxides of nitrogen
  - SO<sub>2</sub> -sulfur dioxide
  - CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (7) Material Handling (MH) consists of Emission Point Numbers (EPN) 2, 3, 5, 14, 15, 17, 22, and 23

Date: October 9, 2014