

## 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. 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	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**
EPN 19	Baghouse Stack	PM	11.55	9.90
		PM <sub>10</sub>	8.05	6.90
		VOC (a)	11.20	9.60
		VOC (c)	67.80	9.61
		NO <sub>x</sub>	19.25	16.50
		SO <sub>2</sub>	20.30	17.40
		CO	45.50	39.00
EPN 12	Asphalt Heater Vent (4)	PM <sub>10</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
EPN 6	Asphalt Storage Tanks (4)	VOC	<0.01	0.03
EPN 7	Antistrip Storage Tank (4)	VOC	<0.01	<0.01
EPN 11	Diesel Storage Tanks (4)	VOC	<0.01	0.02
EPN 21	RC 250 Tank (4)	VOC	<0.01	<0.01
EPNs 8 and 9	Storage Silo Filling (4)	PM	0.28	0.24
		VOC	7.99	6.85
		CO	0.77	0.66
EPN 10	Truck Load-Out (4)	PM	0.29	0.25
		VOC	2.56	2.20
		CO	0.88	0.76

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
EPNs 1 and 13	Aggregate and RAP Stockpiles (4)	PM	--	0.82
		PM <sub>10</sub>	--	0.41
EPN 16a	RAP Crushing (4)	PM	0.20	0.17
		PM <sub>10</sub>	0.10	0.08
EPNs 16 and 24	RAP Screening (4) PM <sub>10</sub>	PM	0.62	0.42
		PM <sub>10</sub>	0.29	0.20
EPN 4	Aggregate Screening (4)	PM	0.62	0.40
		PM <sub>10</sub>	0.29	0.19
Multiple (5)	Material Handling (4)	PM	0.11	0.07
		PM <sub>10</sub>	0.05	0.03
EPN 20	Crumb Rubber Receiving (4)	PM	0.14	<0.01
		PM <sub>10</sub>	0.07	<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 - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

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

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- (4) Fugitive emissions are an estimate only.
- (5) Transfer points including conveyor to conveyor, conveyor to drum, front-end loader to cold feed bin, and RAP stockpile to load-out vehicles
- \* Emission rates are based on and the facilities are limited by the following maximum operating schedule and production rates:

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

RAP crusher (EPN 23) and screen (EPN 24) 175 tons/hour 325,000 tons/year

Standard Hot Mix with or without Blackbase TxDOT 345: tons/hour 350 tons/year 600,000

Standard Hot Mix with Rubber: 300 tons/hour 85,000 tons/year

Dated October 25, 2004